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North Carolina Medical Journal

For Doctors and their Patients

Neurological- Otolological Treatment of Acoustic Tumors at Wake Forest

Charles L. Branch, Jr., M.D.
B. Hill Britton, M.D., and
David L. Kelly, Jr., M.D.

To Test or Not To Test: Issues in Community Screening or HIV

Suzanne Landis, M.D., M.P.H.

AIDS: Prevention and Control in the Laboratory and Healthcare Setting

erry J. Tulis, M.D.



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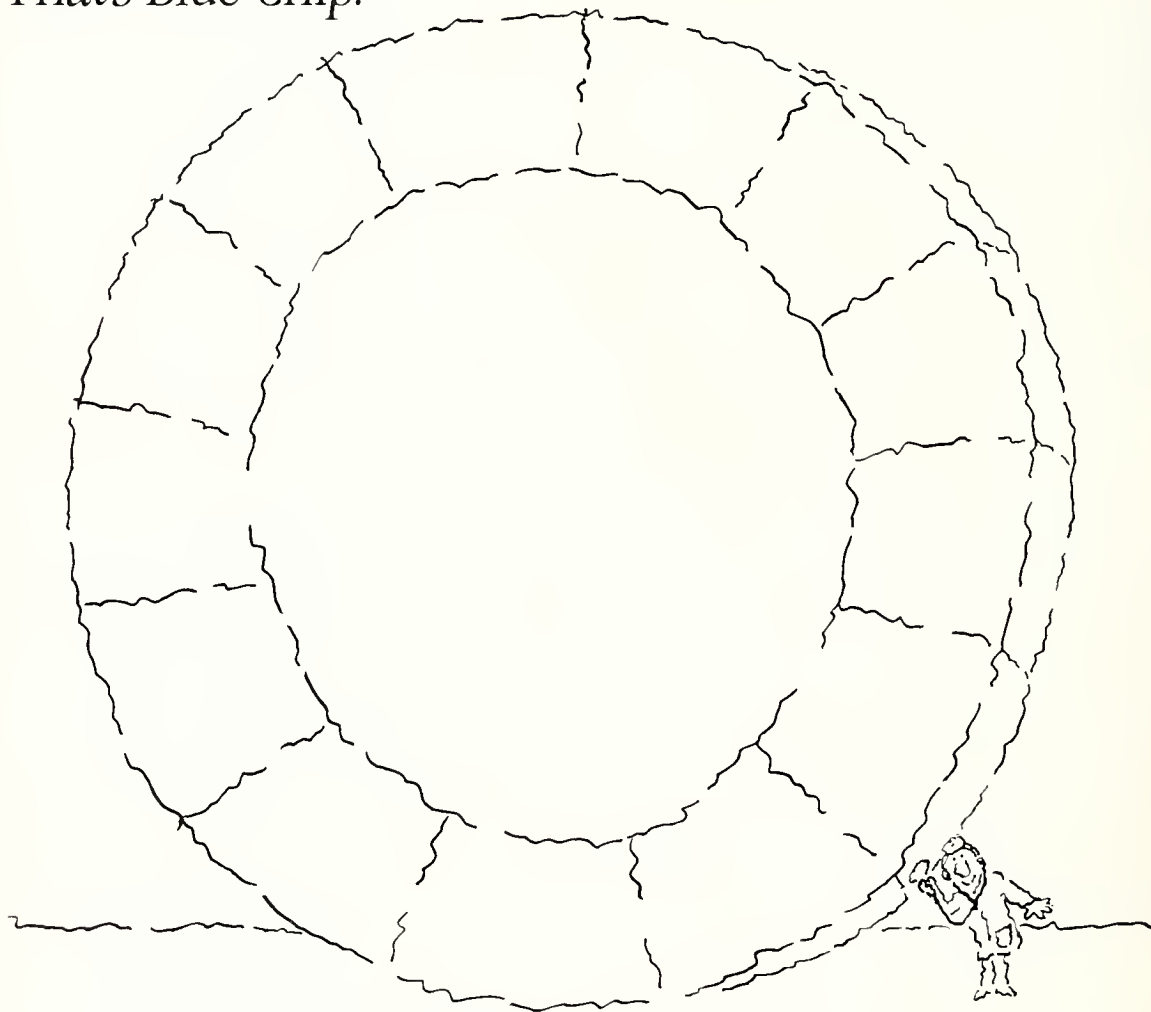
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North Carolina Medical Journal

FOR DOCTORS AND THEIR PATIENTS

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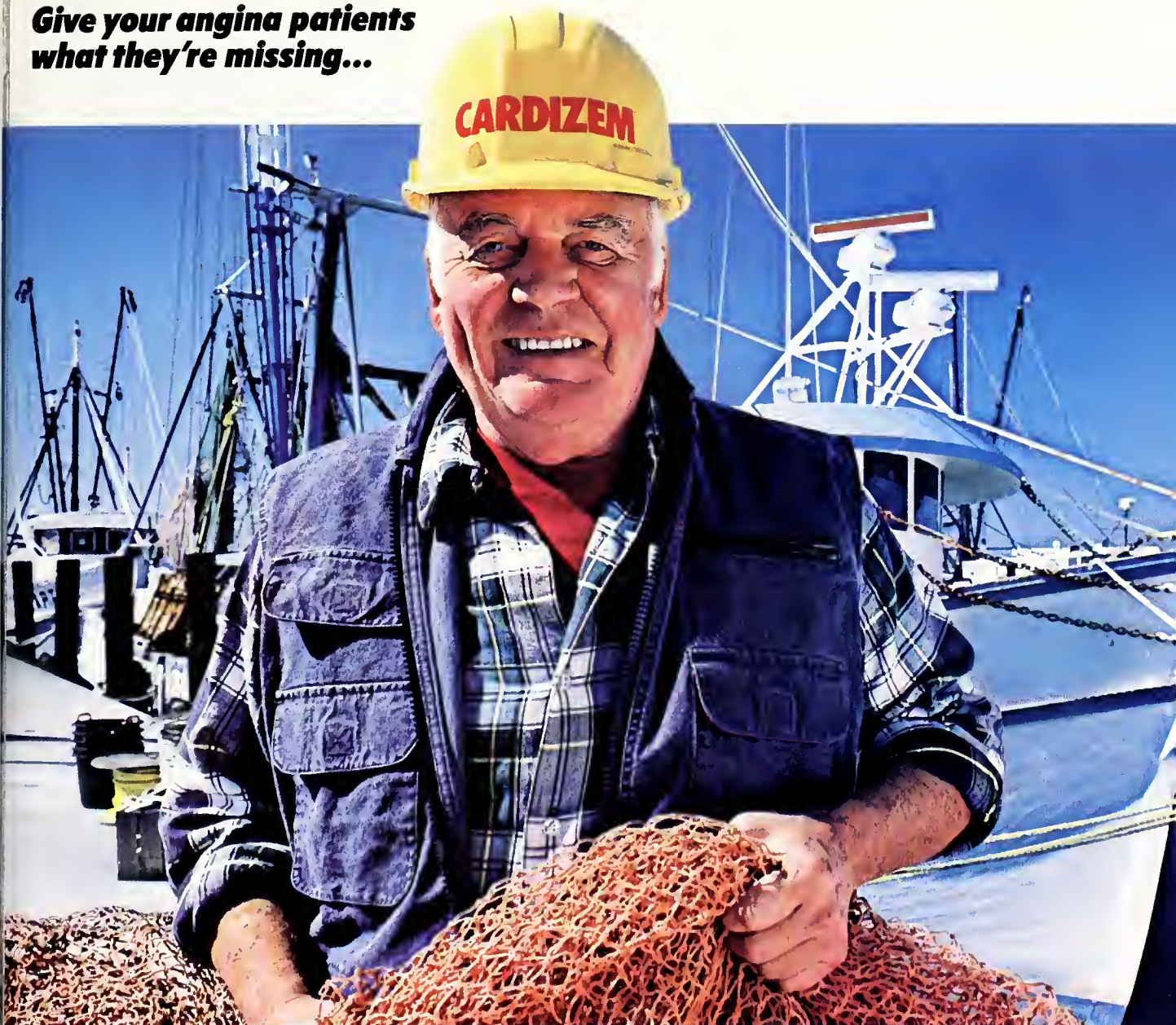
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WARNINGS

- Cardiac Conduction.** CARDIZEM prolongs AV node refractory periods without significantly prolonging sinus node recovery time, except in patients with sick sinus syndrome. This effect may rarely result in abnormally slow heart rates (particularly in patients with sick sinus syndrome) or second- or third-degree AV block (six of 1,243 patients for 0.48%). Concomitant use of diltiazem with beta-blockers or digitalis may result in additive effects on cardiac conduction. A patient with Prinzmetal's angina developed periods of asystole (2 to 5 seconds) after a single dose of 60 mg of diltiazem.
- Congestive Heart Failure.** Although diltiazem has a negative inotropic effect in isolated animal tissue preparations, hemodynamic studies in humans with normal ventricular function have not shown a reduction in cardiac index nor consistent negative effects on contractility (dp/dt). Experience with the use of CARDIZEM alone or in combination with beta-blockers in patients with impaired ventricular function is very limited. Caution should be exercised when using the drug in such patients.
- Hypotension.** Decreases in blood pressure associated with CARDIZEM therapy may occasionally result in symptomatic hypotension.
- Acute Hepatic Injury.** In rare instances, significant elevations in enzymes such as alkaline phosphatase, CPK, LDH, SGOT, SGPT, and other symptoms consistent with acute hepatic injury have been noted. These reactions have been reversible upon discontinuation of drug therapy. The relationship to CARDIZEM is uncertain in most cases, but probable in some. (See PRECAUTIONS)

PRECAUTIONS

General. CARDIZEM (diltiazem hydrochloride) is extensively metabolized by the liver and excreted by the kidneys and in bile. As with any new drug given over prolonged periods, laboratory parameters should be monitored at regular intervals. The drug should be used with caution in patients with impaired renal or hepatic

function. In subacute and chronic dog and rat studies designed to produce toxicity, high doses of diltiazem were associated with hepatic damage. In special subacute hepatic studies, oral doses of 125 mg/kg and higher in rats were associated with histological changes in the liver which were reversible when the drug was discontinued. In dogs, doses of 20 mg/kg were also associated with hepatic changes; however, these changes were reversible with continued dosing.

Drug Interaction. Pharmacologic studies indicate that there may be additive effects in prolonging AV conduction when using beta-blockers or digitalis concomitantly with CARDIZEM. (See WARNINGS.)

Controlled and uncontrolled domestic studies suggest that concomitant use of CARDIZEM and beta-blockers or digitalis is usually well tolerated. Available data are not sufficient, however, to predict the effects of concomitant treatment, particularly in patients with left ventricular dysfunction or cardiac conduction abnormalities. In healthy volunteers, diltiazem has been shown to increase serum digoxin levels up to 20%.

Carcinogenesis, Mutagenesis, Impairment of Fertility.

A 24-month study in rats and a 21-month study in mice showed no evidence of carcinogenicity. There was also no mutagenic response in *in vitro* bacterial tests. No intrinsic effect on fertility was observed in rats.

Pregnancy. Category C. Reproduction studies have been conducted in mice, rats, and rabbits. Administration of doses ranging from five to ten times greater (on a mg/kg basis) than the daily recommended therapeutic dose has resulted in embryo and fetal lethality. These doses, in some studies, have been reported to cause skeletal abnormalities. In the perinatal/postnatal studies, there was some reduction in early individual pup weights and survival rates. There was an increased incidence of stillbirths at doses of 20 times the human dose or greater.

There are no well-controlled studies in pregnant women; therefore, use CARDIZEM in pregnant women only if the potential benefit justifies the potential risk to the fetus.

Nursing Mothers. Diltiazem is excreted in human milk. One report suggests that concentrations in breast milk may approximate serum levels. If use of CARDIZEM is deemed essential, an alternative method of infant feeding should be instituted.

Pediatric Use. Safety and effectiveness in children have not been established.

ADVERSE REACTIONS

Serious adverse reactions have been rare in studies carried out to date, but it should be recognized that patients with impaired ventricular function and cardiac conduction abnormalities have usually been excluded.

In domestic placebo-controlled trials, the incidence of adverse reactions reported during CARDIZEM therapy was not greater than that reported during placebo therapy.

The following represent occurrences observed in clinical studies which can be at least reasonably asso-

ciated with the pharmacology of calcium influx inhibition. In many cases, the relationship to CARDIZEM has not been established. The most common occurrences as well as their frequency of presentation are: edema (2.4%), headache (2.1%), nausea (1.9%), dizziness (1.5%), rash (1.3%), asthenia (1.2%). In addition, the following events were reported infrequently (less than 1%):

Cardiovascular:	Angina, arrhythmia, AV block (first degree), AV block (second or third degree — see conduction warning), bradycardia, congestive heart failure, flushing, hypotension, palpitations, syncope.
Nervous System:	Amnesia, gait abnormality, hallucinations, insomnia, nervousness, paresthesia, personality change, somnolence, tinnitus, tremor.
Gastrointestinal:	Anorexia, constipation, diarrhea, dyspepsia, dyspepsia, mild elevations of alkaline phosphatase, SGOT, SGPT, and LDH (see hepatic warnings), vomiting, weight increase.
Dermatologic:	Petechiae, pruritus, photosensitivity, urticaria.
Other:	Amblyopia, dyspnea, epistaxis, eye irritation, hyperglycemia, nasal congestion, nocturia, osteoarticular pain, polyuria, sexual difficulties.

The following postmarketing events have been reported infrequently in patients receiving CARDIZEM: alopecia, gingival hyperplasia, erythema multiforme, and leukopenia. However, a definitive cause and effect between these events and CARDIZEM therapy is yet to be established. **Issued 7/86**
See complete Professional Use Information before prescribing.

References: 1. Pepine CJ, Feldman RL, Hill JA, et al: Clinical outcome after treatment of rest angina with calcium blockers. Comparative experience during the initial year of therapy with diltiazem, nifedipine, and verapamil. *Am Heart J* 1983; 106(6): 1341-1347. 2. Shapiro W: Calcium channel blockers: Actions on the heart and uses in ischemic heart disease. *Consultant* 1984; 24(Dec): 150-159. 3. Johnston DL, Lesoway R, Humen DP, et al: Clinical and hemodynamic evaluation of propranolol in combination with verapamil, nifedipine and diltiazem in exertional angina pectoris: A placebo-controlled, double-blind, randomized, crossover study. *Am J Cardiol* 1985; 55: 680-687. 4. Cohn PF, Braunwald E: Chronic ischemic heart disease, in Braunwald E (ed): *Heart Disease: A Textbook of Cardiovascular Medicine*, ed 2. Philadelphia, WB Saunders Co, 1984, chap 39. 5. Schroeder JS: Calcium and beta blockers in ischemic heart disease. When to use which. *Mod Med* 1982; 50(Sept): 94-116.

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To Test or Not To Test

Issues in Community Screening for Human Immunodeficiency Virus

Suzanne Landis, M.D., M.P.H.

Prevention of the spread of AIDS and reduction in the reservoir of high risk individuals is a major priority in public health currently and will continue to be so in the coming decade. Successful management of the disease will require integration of classic public health methods of disease surveillance and infection control with emerging principles of lifestyle modification. One aspect of disease surveillance is detection of persons who are asymptomatic but infected with human immunodeficiency virus (HIV). Mass screening, either voluntary or mandatory, has been discussed by some North Carolina legislators¹ and health care professionals^{2,3} as a means of reducing HIV transmission; this assumes that all those knowledgeable about their infection status will significantly change their behavior in an effort to reduce the transmission of the virus.

Knowledge of HIV infection personalizes risk reduction instruction and underscores the need for avoiding unprotected intercourse. Knowledge of positive serostatus also enables the individual to:

- a. Inform prospective and previous sexual partners.
- b. Avoid pregnancy and breast feeding.
- c. Alert his/her health care providers to the possible role of HIV infection in evaluating any nonspecific medical symptoms or signs (e.g., recognition and treatment of life-threatening opportunistic infections such as *Pneumocystis carinii* pneumonia).
- d. Begin prophylactic chemotherapy with isoniazid if a tuberculin test is positive and clinically active tuberculosis is excluded.
- e. Prolong treatment for active pulmonary tuberculosis to at least six months beyond a negative sputum culture.¹
- f. Avoid certain live viral or bacterial vaccines and immunosuppressive therapy, depending on the extent of clinical symptoms for AIDS.⁴⁻⁶

g. Attempt to decrease exposure to other viruses such as cytomegalovirus, Epstein-Barr virus and *Herpes simplex*-virus, in an attempt to slow the progression of HIV infection.⁷⁻¹¹

A seronegative individual may also benefit from screening by:

- a. Being assured that he/she is probably not infected and is therefore unlikely to transmit the virus to others.
- b. Receiving personal risk reduction counseling based on specific high risk activities.

I will evaluate whether a mass screening program for HIV infection will do more good than harm, by using the seven guidelines set forth by Cadman et al. (table I,¹² next page).

1. Has the effectiveness of an HIV screening program been demonstrated in a randomized trial?

Are there any trials in which unselected persons have been randomly allocated to be *offered* or *not offered* screening and in which those with positive screenings (ELISA tests and Western blot tests) are then encouraged to proceed to staging of the disease and to undergo counseling to identify high-risk behaviors? In such a study, the control group would *not* undergo screening and their HIV infection would be detected only when it became symptomatic, i.e., AIDS.

An effectiveness study should consider the broader outcomes of general health and well-being and should consider whether a "socially significant" difference in outcome is found between the screened and the control persons. Some outcomes which might be important in a screening program for HIV infection are:

- a. Reduction in transmission of HIV in the screened group as compared to the control group.
- b. Significant changes in high risk behavior associated with knowledge of serologic status.
- c. A prolongation of the asymptomatic state before overt AIDS develops, accounting for the "lead time" from early diagnosis.

From Department of Epidemiology, School of Public Health, and Department of Medicine, University of North Carolina, Chapel Hill 27514. Presented as part of a panel discussion at the 15th Annual Alumni Conference of the University of North Carolina School of Public Health, Chapel Hill, April 1987.

Table 1

Seven Guidelines for Deciding Whether an HIV Community Screening Program Does More Good than Harm

Guidelines		Comments	
1	Has the program's effectiveness been demonstrated in a randomized trial? <i>If an effectiveness trial with a positive result has not been carried out, ask the following questions:</i>	1	No.
2	Are efficacious treatments available?	2	No proven efficacious antiviral agents to treat asymptomatic HIV infection are available.
3	Does the current burden of suffering warrant screening?	3	HIV infection is a devastating illness.
4	Is there a good screening test?	4	In the general population, the screening tests (ELISA, followed by a Western blot) might identify many persons who are false positives.
5	Does the program reach those who could benefit from it?	5	Voluntary screening programs for HIV in North Carolina have identified approximately 2% of the estimated number of seropositive persons.
6	Can the health system cope with the screening program?	6	An expanded voluntary or a mandatory screening program would stress our current public health system.
7	Will those who had a positive screening comply with subsequent advice and interventions?	7	Education and counseling do not necessarily result in appropriate changes in high-risk behavior.

Adapted from: Assessing the effectiveness of community screening programs. JAMA 1984;251:1580-5. Copyright 1984, American Medical Association.

d. Adverse psychosocial reactions to the knowledge of HIV seropositivity.

e. Reduction in the medical care cost of patients with AIDS through early detection.

No clinical trial has been done measuring the above outcomes in the general population. In the absence of data we must, therefore, examine other criteria to answer the question of whether an HIV-screening program will do more good than harm.

2. Are there efficacious treatments for asymptomatic HIV infection and/or efficacious preventive maneuvers for the transmission of HIV?

Are there behavioral modification techniques to prevent progression from asymptomatic HIV infection to overt AIDS, or to reduce transmission of the virus? Are there agents to prevent progression from asymptomatic HIV infection to overt AIDS? No randomized controlled studies exist to answer these questions. However, Fox et al. note that homosexual/bisexual males who wish to know their serologic status and are seropositive have significantly reduced their number of partners by 50% six months later.¹³

Education in the form of mass media campaigns has been a prime strategic tool for the control of the AIDS epidemic in homosexual communities even without mass HIV screening programs; McKusick, et al. in San Francisco found that men in nonmonogamous relationships and men not in relationships reported substantial reductions in high-risk sexual activity.¹⁴

However, Echenberg has suggested that educational campaigns may not be effective in the heterosexual community

because the perceived threat of AIDS is not as great as in homosexual communities with a high prevalence.¹⁵ Knowledge of serologic status along with personalized risk-reduction counseling may be necessary to change heterosexuals' behaviors.¹⁵ Heterosexual couples in which one partner is seropositive are encouraged to practice safe sex, including the use of condoms; it is surprising that among such couples as many as 37.5% (12/32) may not adhere to this recommendation.¹⁶ Thus, knowledge of a positive blood test for HIV does not necessarily lead to appropriate changes in behavior and, likewise, knowledge of high-risk behavior for AIDS does not necessarily result in alteration of that behavior.

At present there are no proven effective antiretroviral treatments to delay progression to overt AIDS. We also have no scientifically rigorous information from clinical trials to demonstrate that avoiding exposure to foreign antigens will delay progression to overt AIDS. There are some suggestive and theoretical data, however; we therefore counsel seropositive persons to try to avoid infections with cytomegalovirus, Epstein-Barr virus, and *Herpes simplex virus*.⁷⁻¹¹

3. Does the current burden of suffering warrant screening?

Does the asymptomatic HIV infection substantially impair the present or future physical, social, emotional and/or intellectual function of the person and/or his family? Numerous reports have suggested significant social and emotional dysfunction associated with knowledge of HIV seropositivity even without physical disability.¹⁷⁻¹⁹

As many as 34% of persons who are HIV seropositive

Table 2

The Effect of Prevalence on the Predictive Value of HIV Antibody (ELISA) Screening
(Sensitivity = .993; Specificity = .998)

Definitive Diagnosis of HIV Infection									
HIV Test Result	Present			Absent			Total		
Positive	199	2,000	2,199	1,986	1,996	3,982	19,860	1,960	21,820
Negative	1	997,800	997,801	14	996,004	996,018	140	978,040	978,180
	200	999,800	1,000,000	2,000	998,004	1,000,000	20,000	980,000	1,000,000
	Prevalence 0.02%			Prevalence 0.2%			Prevalence 2%		
	PPV = $\frac{199}{2,199} = 9\%$			PPV = $\frac{1,986}{3,982} = 50\%$			PPV = $\frac{19,860}{21,820} = 91\%$		

have developed AIDS within three years.^{20, 21} These figures vary based on the risk group studied and their geographic location.²⁰ Early diagnosis of the asymptomatic state, if there were effective treatments, would certainly be appropriate.

Dr. R. Meriwether, head of the communicable Disease Branch of the North Carolina Department of Human Resources, estimates that 0.02% of the general population in North Carolina is infected with HIV.¹ HIV infection is not common, but when it does occur it is a psychosocially debilitating and often progressive illness.

4. Is there a good screening test?

The test must have a high sensitivity (yielding a positive result in a high proportion of persons who actually have HIV infection) and a high specificity (yielding a negative result in a high proportion of those who do not have the infection). The ELISA screening test, an enzyme-linked immunosorbent assay which detects antibodies to HIV, has been known to have a high sensitivity and a high specificity, 99.3% and 99.8%, respectively, according to the CDC and the manufacturers.⁽²²⁻²⁶⁾

The second aspect of the ELISA screening test which is important is the positive predictive value. This is the probability that a patient with a positive HIV ELISA test actually is infected. For clinicians and counselors, this is the most relevant concept. A person who has a positive ELISA test will ask whether he/she truly has HIV infection. As the true prevalence of HIV infection in a population increases, the positive predictive value correspondingly increases (table 2).

In a population with a prevalence of 0.02% (the approximate prevalence in the general population in North Carolina) the positive predictive value of a repeatedly reactive ELISA test is 9% (table 2). Thus 91% of people in the general population of North Carolina with a positive ELISA will have a falsely positive test, i.e., they do not have HIV infection even though the test is positive. It is obvious that this test, even though extremely sensitive and specific, does

not perform well in a population where the prevalence of HIV infection is extremely low.

When the prevalence is 0.2%, the positive predictive value rises to 50%; when the prevalence increases to 2%, which might be the prevalence in sexually transmitted disease clinics, the positive predictive value increases further to 91%. When the prevalence increases to 10% or 11%, which is the prevalence of seropositivity at alternate test sites in North Carolina, the positive predictive value increases to almost 99%.

It is obvious then that a most crucial factor in deciding whether or not the test accurately predicts true positivity will be the prevalence of HIV infection in the tested population. In a population in which the prevalence is 0.2% or less, the ELISA screening test is not very accurate.

In general, once a blood sample is repeatedly positive by the ELISA screening test, it is further analyzed by use of the Western blot.²⁷ The Western blot test is a research tool and does not use commercially standardized reagents. Therefore, the sensitivity and specificity have not been addressed. However, the test is felt to be, in the best of hands, more sensitive and specific than the ELISA test.²⁸ In table 3 (next page), the improvement in positive predictive value is evident when the Western blot method is used to confirm the positive samples detected with the ELISA. Included are two values for sensitivity and specificity of the Western blot.* By sequentially testing blood with ELISA and then with the Western blot, one can significantly improve positive predictive value.** Comparison between part B and part C in table 3 illustrates that by an increase of more than 6% in specificity, holding prevalence of the infection constant, the positive predictive value can be improved by at least 40%. Clinicians and counselors should realize that the

*These values are hypothetical and *should not* be interpreted as the sensitivity and specificity of the Western blot test. However, these are based on communication with Dr. Tsang and reports in the literature.²⁸⁻³¹

**The Western blot test is assumed for the calculations in table 3 to be an independent test from the ELISA. Since this may not be totally correct, the positive predictive value for the Western blot testing in table 3 might be slightly higher than the true value.³²

Table 3

A. ELISA Test (Sensitivity = .993; Specificity = .998; 0.02% Prevalence HIV in Population)

Definitive Diagnosis of HIV Infection

<i>HIV Test Result</i>	<i>Present</i>	<i>Absent</i>		
Positive	199	2,000	2,199	
Negative	1	997,800	997,801	PPV = 9%
	200	999,800	1,000,000	

B. Western Blot (test the positives from A; Sensitivity = .99 and Specificity = .93)

Definitive Diagnosis of HIV Infection

<i>HIV Test Result</i>	<i>Present</i>	<i>Absent</i>		
Positive	197	140	337	
Negative	2	1,860	1,862	PPV = 58%
	199	2,000	2,199	

C. Western Blot (test the positives from A; Sensitivity = .99 and Specificity = .998)

Definitive Diagnosis of HIV Infection

<i>HIV Test Result</i>	<i>Present</i>	<i>Absent</i>		
Positive	197	4	201	
Negative	2	1,996	1,998	PPV = 98%
	199	2,000	2,199	

majority of people, even in a low prevalence population, who are ELISA positive *and* Western blot positive, are truly infected with HIV; however, a certain proportion of seropositive persons will still be false positives.

5. Does the program reach a high proportion of persons for whom it was intended?

Screening programs aimed at the general population are particularly susceptible to the "inverse care law," where those in greatest need tend to be the least likely to be screened.

Alternate test site programs have been set up to anonymously test persons who perceive themselves to be at high risk for AIDS. One hundred ninety-seven cases of AIDS have been diagnosed in North Carolina.¹ If we estimate that there are 50 seropositive people per AIDS case, 9,850 seropositive people currently live in North Carolina. Since alternate test site screening has begun in 1985, approximately 2,000 people have been tested.¹ Of these 2,000 who have been tested, approximately 10% have been seropositive.² Therefore, only about 2% of the estimated number of seropositive people in North Carolina have been tested to date. It is likely that if a voluntary mass screening program for HIV infection were instituted, very few people who needed to be tested would actually volunteer for testing.

Table 4**Costs of MASS Screening**

290,000	persons in Wake County (1980) between 20 and 65 years
72,500	1/4 of population is screened
36,250	hours of counseling required (1/2 hr of counseling per client)
\$507,500	Counseling fees (\$14/hr PHN salary) (equivalent to 17 PHN slots)
\$1,120,300	Lab costs [using \$15 per ELISA and \$28 per Western blot and performing 74,500 ELISA (includes 2,000 repeats) and 100 Western blot confirmatory tests]
\$1,627,800	TOTAL COST to detect about 15 seropositive persons, if prevalence is 0.02%
\$108,520	DETECTION COST PER SEROPOSITIVE PERSON. IF ONLY 9 OF THESE PERSONS ARE TRUE POSITIVES, THE COST PER TRUE CASE IS INCREASED TO:
\$180,867	

6. Can the health system cope with the screening program?

All persons with positive HIV tests (ELISA and Western blot) must have further diagnostic evaluations to determine the stage of the infection and have followup evaluations periodically.

Table 4 demonstrates the possible cost of mass screening. By the 1980 census, there were approximately 290,000 persons in Wake County between the ages of 20 and 65. If one quarter of this population came forward for screening during the first year, 72,500 people would be screened. If one half hour of counseling is required per client, 36,250 hours of counseling would result with a cost of approximately \$507,500. This is equivalent to 17 full-time public health

nursing slots which would need to be added to the current Wake County Health Department staff. Lab costs, using \$15 per ELISA and \$28 per Western blot, would result in approximately \$1,120,300, for a total cost of \$1,627,800.[†] This is the total cost to detect about 15 seropositive persons if the true prevalence is .002% in the population. This results in a detection cost of \$108,520 per seropositive person. If the specificity of the Western blot confirmatory test is extremely high, most of these people will be true positives. However, if only nine of these 15 are true positives (based on a 93% specificity of the Western blot) the cost per true case is increased to \$180,867. This is obviously a significant amount of money and expansion in personnel to detect a disorder for which there is no effective therapy.

If an effective therapy for asymptomatic HIV infections is discovered, the above estimated cost of detection may well be worth it. Hardy, et al., in evaluating 10,000 AIDS cases, concluded that \$630,000 per person is spent in hospital costs and in income lost due to disability.³³ The cost of AIDS is great, as is the cost of community screening. Society must determine at what level detection costs outweigh the costs of treating AIDS cases.

7. Will those with positive HIV antibody tests comply with control measures?

In general, screening programs typically are directed toward the detection of presymptomatic chronic conditions. Persons with chronic conditions sometimes demonstrate poor compliance with recommended therapies such as weight reduction and hypertension control.³⁴ Currently we have no proven antiretroviral treatment to prevent progression from asymptomatic HIV infection to AIDS. Furthermore, alteration in high risk behavior might reduce the spread of HIV, but this change must be maintained for the person's entire lifespan. We do not have adequate information about the ability of persons to change their sexual behavior over periods longer than two years.^{13,14} Heterosexual couples in which one spouse is HIV seropositive have not uniformly used condoms or practiced safe sex.¹⁶ Infected women who have delivered children who subsequently developed AIDS have not uniformly refrained from getting pregnant again.³⁵ Thus we do not know how a mass screening program for HIV infection will affect those people identified as seropositive.

Summary

AIDS is a devastating disease. Many persons infected with HIV will progress to overt AIDS. A screening program

aimed at the general population would identify varying numbers of persons who are false positive, depending on the sensitivity and specificity of the confirmatory Western blot test and the prevalence of HIV infection in the population. The cost of such a screening program would be extremely high, considering that no proven treatment is available for asymptomatic HIV infections. A mass screening program is fraught with problems and would not do more good than harm.

If high risk populations are selected, where the prevalence of HIV infection is above 1% or 2%, the accuracy of the screening tests is improved and the cost of detecting a seropositive person decreases. Ethical issues and implementation concerns then become important as legislators and some public health personnel consider mandatory targeted screening for selected groups such as prostitutes, intravenous drug users, prisoners, or high risk women who might become pregnant.³⁶ ■

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[†]These costs are based on estimates from the Virology laboratory, North Carolina Memorial Hospital and may not be representative of other laboratories.

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MICROBIOLOGY. The bactericidal activity of ceftriaxone results from inhibition of cell wall synthesis. Ceftriaxone has a high degree of stability in the presence of beta lactamases, both penicillinases and cephalosporinases; it is gram negative and gram positive bacteria. Ceftriaxone is usually active against the following microorganisms *in vitro* and in clinical infections (see Indications and Usage):

GRAM-NEGATIVE AEROBES: *Enterobacter aerogenes*, *Enterobacter cloacae*, *Escherichia coli*, *Haemophilus influenzae* (including ampicillin-resistant strains), *H. parainfluenzae*, *Klebsiella* species (including *K. pneumoniae*), *Neisseria gonorrhoeae* (including penicillinase and nonpenicillinase producing strains), *Neisseria meningitidis*, *Proteus mirabilis*, *Proteus vulgaris*, *Morganella morganii* and *Serratia marcescens*.

Note: Many strains of the above organisms that are multiply resistant to other antibiotics, e.g., penicillins, cephalosporins and aminoglycosides, are susceptible to ceftriaxone sodium.

Ceftriaxone is also active against many strains of *Pseudomonas aeruginosa*.

GRAM-POSITIVE AEROBES: *Staphylococcus aureus* (including penicillinase producing strains) and *Staphylococcus epidermidis* (Note: methicillin-resistant staphylococci are resistant to cephalosporins, including ceftriaxone), *Streptococcus pyogenes* (Group A beta-hemolytic streptococci), *Streptococcus agalactiae* (Group B streptococci) and *Streptococcus pneumoniae* (Note: Most strains of enterococci, *Streptococcus faecalis* and Group D streptococci are resistant).

Ceftriaxone also demonstrates *in vitro* activity against the following microorganisms, although the clinical significance is unknown:

GRAM-NEGATIVE AEROBES: *Citrobacter freundii*, *Citrobacter diversus*, *Providencia* species (including *Providencia rettgeri*), *Salmonella* species (including *S. typhi*), *Shigella* species and *Acinetobacter calcoaceticus*.

ANAEROBES: *Bacteroides* species, *Clostridium* species (Note: most strains of *C. difficile* are resistant).

SUSCEPTIBILITY TESTING. Standard susceptibility disk method. Quantitative methods that require measurement of zone diameters give the most precise estimate of antibiotic susceptibility. One such procedure (Bauer AW Kirby WM Sherris JC, Turk M. Antibiotic Susceptibility Testing by a Standardized Single Disk Method. *Am J Clin Pathol* 45:493-496, 1966. Standardized Disk Susceptibility Test. Federal Register 39:19162-19164, 1974. National Committee for Clinical Laboratory Standards. Approved Standards. ASM 2. Performance Standards for Antimicrobial Disk Susceptibility Tests. July 1975) has been recommended for use with disks to test susceptibility to ceftriaxone.

Laboratory results of the standardized single disk susceptibility test using a 30-mcg ceftriaxone disk should be interpreted according to the following three criteria:

1. Susceptible organisms produce zones of 18 mm or greater, indicating that the tested organism is likely to respond to therapy.
2. Organisms that produce zones of 14 to 17 mm are expected to be susceptible if a high dosage (not to exceed 4 gm per day) is used or if the infection is confined to tissues and fluids (e.g., urine), in which high antibiotic levels are attained.
3. Resistant organisms produce zones of 13 mm or less, indicating that other therapy should be selected.

Organisms should be tested with the ceftriaxone disk, since ceftriaxone has been shown by *in vitro* tests to be active against certain strains found resistant to cephalosporin class disks.

Organisms having zones of less than 18 mm around the cephalothin disk are not necessarily of intermediate susceptibility or resistant to ceftriaxone.

Standardized procedures require use of control organisms. The 30-mcg ceftriaxone disk should give zone diameters between 29 and 35 mm, 22 and 28 mm and 17 and 23 mm for the reference strains *E. coli* ATCC 25922, *S. aureus* ATCC 25923 and *P. aeruginosa* ATCC 27853, respectively.

DILUTION TECHNIQUES. Based on the pharmacokinetic profile of ceftriaxone, a bacterial isolate may be considered susceptible if the MIC value for ceftriaxone is not more than 16 mcg/ml. Organisms are considered resistant to ceftriaxone if the MIC is equal to or greater than 64 mcg/ml. Organisms having an MIC value of less than 64 mcg/ml, but greater than 16 mcg/ml are expected to be susceptible if a high dosage (not to exceed 4 gm per day) is used or if the infection is confined to tissues and fluids (e.g., urine), in which high antibiotic levels are attained.

E. coli ATCC 25922, *S. aureus* ATCC 25923 and *P. aeruginosa* ATCC 27853 are also the recommended reference strains for controlling ceftriaxone dilution tests. Greater than 95% of MICs for the *E. coli* strain should fall within the range of 0.016 to 0.5 mcg/ml. The range for the *S. aureus* strain should be 1 to 2 mcg/ml, while for the *P. aeruginosa* strain the range should be 8 to 64 mcg/ml.

INDICATIONS AND USAGE: Rocephin is indicated for the treatment of the following infections when caused by susceptible organisms:

LOWER RESPIRATORY TRACT INFECTIONS caused by *Strep. pneumoniae*, *Streptococcus* species (excluding enterococci), *Staph. aureus*, *H. influenzae*, *H. parainfluenzae*, *Klebsiella* species (including *K. pneumoniae*), *E. coli*, *E. aerogenes*, *Proteus mirabilis* and *Serratia marcescens*.

SKIN AND SKIN STRUCTURE INFECTIONS caused by *Staph. aureus*, *Staph. epidermidis*, *Streptococcus* species (excluding enterococci), *E. cloacae*, *Klebsiella* species (including *K. pneumoniae*), *Proteus mirabilis* and *Pseudomonas aeruginosa*.

URINARY TRACT INFECTIONS (complicated and uncomplicated) caused by *E. coli*, *Proteus mirabilis*, *Proteus vulgaris*, *M. morganii* and *Klebsiella* species (including *K. pneumoniae*).

UNCOMPLICATED GONORRHEA (cervical, urethral and rectal) caused by *Neisseria gonorrhoeae*, including both penicillinase and nonpenicillinase producing strains.

PELVIC INFLAMMATORY DISEASE caused by *N. gonorrhoeae*.

BACTERIAL SEPTICEMIA caused by *Staph. aureus*, *Strep. pneumoniae*, *E. coli*, *H. influenzae* and *K. pneumoniae*.

BONE AND JOINT INFECTIONS caused by *Staph. aureus*, *Strep. pneumoniae*, *Streptococcus* species (excluding enterococci), *E. coli*, *P. mirabilis*, *K. pneumoniae* and *Enterobacter* species.

INTRA-ABDOMINAL INFECTIONS caused by *E. coli* and *K. pneumoniae*.

MENINGITIS caused by *H. influenzae*, *N. meningitidis* and *Strep. pneumoniae*. Ceftriaxone has also been used successfully in a limited number of cases of meningitis and shunt infections caused by *Staph. epidermidis* and *E. coli*.

PROPHYLAXIS. The administration of a single dose of ceftriaxone preoperatively may reduce the incidence of postoperative infections in patients undergoing coronary artery bypass surgery.

Although ceftriaxone has been shown to have been as effective as cefazolin in the prevention of infection following coronary artery bypass surgery, no placebo-controlled trials have been conducted to evaluate any cephalosporin antibiotic in the prevention of infection following coronary artery bypass surgery.

SUSCEPTIBILITY TESTING. Before instituting treatment with Rocephin, appropriate specimens should be obtained for isolation of the causative organism and for determination of its susceptibility to the drug. Therapy may be instituted prior to obtaining results of susceptibility testing.

CONTRAINDICATIONS: Rocephin is contraindicated in patients with known allergy to the cephalosporin class of antibiotics.

WARNINGS. BEFORE THERAPY WITH ROCEPHIN IS INSTITUTED, CAREFUL INQUIRY SHOULD BE MADE TO DETERMINE WHETHER THE PATIENT HAS HAD PREVIOUS HYPERSENSITIVITY REACTIONS TO CEPHALOSPORINS, PENICILLINS OR OTHER DRUGS. THIS PRODUCT SHOULD BE GIVEN CAUTIOUSLY TO PENICILLIN-SENSITIVE PATIENTS. ANTIBIOTICS SHOULD BE ADMINISTERED WITH CAUTION TO ANY PATIENT WHO HAS DEMONSTRATED SOME FORM OF ALLERGY, PARTICULARLY TO DRUGS. SERIOUS ACUTE HYPERSENSITIVITY REACTIONS MAY REQUIRE THE USE OF SUBCUTANEOUS EPINEPHRINE AND OTHER EMERGENCY MEASURES.

Pseudomembranous colitis has been reported with the use of cephalosporins (and other broad spectrum antibiotics); therefore, it is important to consider its diagnosis in patients who develop diarrhea in association with antibiotic use.

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Treatment with broad spectrum antibiotics alters the normal flora of the colon and may permit overgrowth of clostridia. Studies indicate a toxin produced by *Clostridium difficile* is one primary cause of antibiotic associated colitis. Cholestyramine and colestipol resins have been shown to bind to the toxin *in vitro*. Mild cases of colitis respond to drug discontinuance alone. Moderate to severe cases should be managed with fluid, electrolyte and protein supplementation as indicated.

When the colitis is not relieved by drug discontinuance or when it is severe, oral vancomycin is the treatment of choice for antibiotic-associated pseudomembranous colitis produced by *C. difficile*. Other causes of colitis should also be considered.

PRECAUTIONS. GENERAL. Although transient elevations of BUN and serum creatinine have been observed at the recommended dosages, the nephrotoxic potential of Rocephin is similar to that of other cephalosporins.

Ceftriaxone is excreted via both biliary and renal excretion (see Clinical Pharmacology). Therefore, patients with renal failure normally require no adjustment in dosage when usual doses of Rocephin are administered, but concentrations of drug in the serum should be monitored periodically. If evidence of accumulation exists, dosage should be decreased accordingly.

Dosage adjustments should not be necessary in patients with hepatic dysfunction, however, in patients with both hepatic dysfunction and significant renal disease, Rocephin dosage should not exceed 2 gm daily without close monitoring of serum concentrations.

Alterations in prothrombin times have occurred rarely in patients treated with Rocephin. Patients with impaired vitamin K synthesis or low vitamin K stores (e.g., chronic hepatic disease and malnutrition) may require monitoring of prothrombin time during Rocephin treatment. Vitamin K administration (10 mg weekly) may be necessary if the prothrombin time is prolonged before or during therapy.

Prolonged use of Rocephin may result in overgrowth of non-susceptible organisms. Careful observation of the patient is essential. If superinfection occurs during therapy, appropriate measures should be taken.

Rocephin should be prescribed with caution in individuals with a history of gastrointestinal disease especially colitis.

CARCINOGENESIS, MUTAGENESIS, IMPAIRMENT OF FERTILITY. Carcinogenesis: Considering the maximum duration of treatment and the class of the compound, carcinogenicity studies with ceftriaxone in animals have not been performed. The maximum duration of animal toxicity studies was six months. Mutagenesis: Genetic toxicology tests included the Ames test, a micronucleus test and a test for chromosomal aberrations in human lymphocytes cultured *in vitro* with ceftriaxone. Ceftriaxone showed no potential for mutagenic activity in these studies.

Impairment of Fertility. Ceftriaxone produced no impairment of fertility when given intravenously to rats at daily doses up to 586 mg/kg/day, approximately 20 times the recommended clinical dose of 2 gm/day.

PREGNANCY. Teratogenic Effects: Pregnancy Category B. Reproductive studies have been performed in mice and rats at doses up to 20 times the usual human dose and have no evidence of embryotoxicity, fetotoxicity or teratogenicity. In primates, no embryotoxicity, or teratogenicity was demonstrated at a dose approximately three times the human dose.

There are, however, no adequate and well-controlled studies in pregnant women. Because animal reproductive studies are not always predictive of human response, this drug should be used during pregnancy only if clearly needed.

Nonteratogenic Effects. In rats, in the Segment I (fertility and general reproduction) and Segment III (perinatal and postnatal) studies with intravenously administered ceftriaxone, no adverse effects were noted on various reproductive parameters during gestation and lactation, including postnatal growth functional behavior and reproductive ability of the offspring at doses of 586 mg/kg/day or less.

NURSING MOTHERS. Low concentrations of ceftriaxone are excreted in human milk. Caution should be exercised when Rocephin is administered to a nursing woman.

PEDIATRIC USE. Safety and effectiveness of Rocephin in neonates, infants and children have been established for the dosages described in the Dosage and Administration section.

ADVERSE REACTIONS. Rocephin is generally well tolerated. In clinical trials, the following adverse reactions, which were considered to be related to Rocephin therapy or of uncertain etiology, were observed:

LOCAL REACTIONS—pain, induration or tenderness at the site of injection (1%). Less frequently reported (less than 1%) was phlebitis after IV administration.

HYPERSENSITIVITY—rash (1.7%). Less frequently reported (less than 1%) were pruritus, fever or chills.

HEMATOLOGIC—eosinophilia (6%), thrombocytopenia (51%) and leukopenia (21%). Less frequently reported (less than 1%) were anemia, neutropenia, lymphopenia, thrombocytopenia and prolongation of the prothrombin time.

GASTROINTESTINAL—diarrhea (2.7%). Less frequently reported (less than 1%) were nausea or vomiting, and dysgeusia.

HEPATIC—elevations of SGOT (3.1%) or SGPT (3.3%). Less frequently reported (less than 1%) were elevations of alkaline phosphatase and bilirubin.

RENAL—elevations of the BUN (1.2%). Less frequently reported (less than 1%) were elevations of creatinine and the presence of casts in the urine.

CENTRAL NERVOUS SYSTEM—headache or dizziness were reported occasionally (less than 1%).

GENITOURINARY—moniliasis or vaginitis were reported occasionally (less than 1%).

MISCELLANEOUS—diaphoresis and flushing were reported occasionally (less than 1%).

Other rarely observed adverse reactions (less than 0.1%) include leukocytosis, lymphocytosis, monocytosis, basophilia, a decrease in the prothrombin time, jaundice, glycosuria, hematuria, bronchospasm, skin sickness, abdominal pain, colitis, flatulence, dyspepsia, palpitations and epistaxis.

DOSEAGE AND ADMINISTRATION. Rocephin may be administered intravenously or intramuscularly. The usual adult daily dose is 1 to 2 gm given once a day (or in equally divided doses twice a day) depending on the type and severity of the infection. The total daily dose should not exceed 4 grams.

For the treatment of serious miscellaneous infections in children, other than meningitis, the recommended total daily dose is 50 to 75 mg/kg (not to exceed 2 grams), given in divided doses every 12 hours.

Generally, Rocephin therapy should be continued for at least two days after the signs and symptoms of infection have disappeared. The usual duration is 4 to 14 days, in complicated infections longer therapy may be required.

In the treatment of meningitis, a daily dose of 100 mg/kg (not to exceed 4 grams), given in divided doses every 12 hours, should be administered with or without a loading dose of 75 mg/kg.

For the treatment of uncomplicated gonococcal infections, a single intramuscular dose of 250 mg is recommended.

For preoperative use (surgical prophylaxis), a single dose of 1 gm administered ½ to 2 hours before surgery is recommended.

When treating infections caused by *Streptococcus pyogenes*, therapy should be continued for at least ten days.

No dosage adjustment is necessary for patients with impairment of renal or hepatic function, however, blood levels should be monitored in patients with severe renal impairment (e.g., dialysis patients) and in patients with both renal and hepatic dysfunctions.

NOW SUPPLIED: Rocephin (ceftriaxone sodium/Roche) is supplied as a sterile crystalline powder in glass vials and piggyback bottles. The following packages are available:

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Vials containing 500 mg equivalent of ceftriaxone. Boxes of 10 (NDC 0004 1963-01).

Vials containing 1 gm equivalent of ceftriaxone. Boxes of 10 (NDC 0004 1964-01).

Piggyback bottles containing 1 gm equivalent of ceftriaxone. Boxes of 10 (NDC 0004 1964-03).

Vials containing 2 gm equivalent of ceftriaxone. Boxes of 10 (NDC 0004 1965-01).

Piggyback bottles containing 2 gm equivalent of ceftriaxone. Boxes of 10 (NDC 0004 1965-03).

Bulk pharmacy containers, containing 10 gm equivalent of ceftriaxone. Boxes of 1 (NDC 0004 1971-01).

NOT FOR DIRECT ADMINISTRATION.

Roche Laboratories
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AIDS

Prevention and Control in the Laboratory and Healthcare Setting

Jerry J. Tulis, Ph.D.

Acquired immunodeficiency syndrome (AIDS) is a condition resulting from infection with the human immunodeficiency virus (HIV), formerly recognized as human T lymphotropic virus type III/lymphadenopathy-associated virus (HTLV-III/LAV). The virus belongs to a class of etiologic agents known as retroviruses, possessing RNA rather than DNA as the core genetic material. HIV attacks the T-lymphocyte, specifically the helper lymphocyte, thereby leading to a depletion of these cells and a progressive immunodeficiency state that renders the host highly susceptible to infection by opportunistic microorganisms and neoplastic disease.

Since the recognition of AIDS as a clinical entity in 1979, more than 30,000 cases have been diagnosed using criteria established by the Centers for Disease Control (CDC). Because of the latent period associated with AIDS, which may extend for many years, the clinical cases we are seeing today probably were exposed five or more years ago. In addition, by virtue of positive antibody screening procedures, about 2,000,000 individuals are believed to have been exposed. These numbers are expected to increase dramatically by the 1990s.

Risk groups have been identified: male homosexuals, parenteral drug abusers, hemophiliacs and other transfused patients, heterosexual partners of infected individuals, and children born to infected mothers. With the screening of blood, the number of people who receive infected blood and cryoprecipitates should decrease dramatically.

As the disease has begun to approach epidemic proportions, even greater interest has been stimulated in the United States and elsewhere toward the development and implementation of preventive measures and control practices. Extensive research is underway on the development of chemotherapeutic agents (e.g., AZT, Burroughs Wellcome Company, Research Triangle Park) and prophylactic vac-

cines, several of which are close to clinical trials. The massive medical program being undertaken in this country to stem this scourge is unprecedented in the annals of medical history. Concurrently, much interest has been focused on educational programs aimed at providing necessary information to young people and adults, high-risk groups, healthcare personnel, and the general public.

Transmission of the Virus

Transmission of HIV leading to infection is believed to occur primarily through the blood and semen, although the etiologic agent has been recovered from most body fluids, including saliva, tears, urine, cerebrospinal fluid, and breast-milk. Considering the classic routes of most viral infection — namely, aerogenic, by ingestion, contact, percutaneous penetration, and vectors — HIV does not appear to pose a hazard except through intimate contact (sexual relations) and mucosal and skin penetration. Thus, in a laboratory or healthcare setting, percutaneous or parenteral inoculation through accidental cuts and needlesticks, and exposure by contact of abrasions, cuts, or mucosal surfaces could be considered as potential routes of entry of HIV. Clearly, the accidental needlestick represents the most significant occupational hazard for transmission of HIV to healthcare workers. Exposure through the inhalation of aerosolized HIV has probably occurred, as documented at several reagent laboratories in 1985, but no evidence of infection was detected.

The CDC surveillance program has included 1,097 healthcare workers who had experienced parenteral or mucous-membrane exposure to blood or other body fluids of AIDS patients. Needlesticks and cuts comprise 969 (89%) of these exposures; one seroconversion (0.3%) was recorded from the 298 workers where paired sera were tested for HIV antibody. Other surveillance programs at the National Institutes of Health (NIH), involving 332 workers with percutaneous or mucous-membrane exposure, and the University of California, involving 63 workers with similar exposures, have not yielded seropositive individuals. In ad-

From the School of Public Health, University of North Carolina, Chapel Hill 27514. Presented as part of a panel discussion at the 15th Annual Alumni Conference of the University of North Carolina School of Public Health, Chapel Hill, April 1987.

dition to the above documented seroconversion, there have been five other healthcare workers without apparent risk factors for AIDS who have been infected with HIV. Of the six infected workers previously reported, four have been associated with needlestick injuries and two with extensive contact with blood or body fluids of AIDS patients. More recently (May 1987), three cases of apparent occupational infection with HIV have been reported by the CDC; these workers were exposed to HIV through skin or mucous-membrane contact with blood from AIDS patients. The exact route of entry of HIV has not been identified, although natural barriers were compromised by the presence of acne and/or dermatitis in two of the workers.

It is important to recognize that of the five reported cases of occupational infection with HIV through skin or mucous-membrane exposure, four of the healthcare workers did not use gloves or other barrier precautions. Although the magnitude of the risk to healthcare workers of skin and mucous-membrane exposure to HIV-contaminated blood is unknown, it is recognized that these exposures occur much more frequently than do accidental needlesticks. Thus, the risk of transmission of HIV from skin or mucous-membrane exposure to blood or other body fluids of AIDS patients is believed extremely rare, and considerably less of an occupational hazard than the accidental needlestick, which surveillance data indicate rarely causes HIV infections in healthcare workers.

There is no documentation of infection with HIV by ingestion, inhalation, casual contact, or vectors. Nevertheless, it is imperative that continued vigilance be exercised when handling blood specimens, tissue samples, or tissue cultures potentially containing HIV. For many years, the etiologic agents of Rocky Mountain spotted fever, rabies, and smallpox were not believed transmissible by aerogenic exposure; it is sobering now to recognize that fallacy, since all three diseases have resulted from occupational or nosocomial exposure through contaminated aerosols.

Prevention

In establishing prudent safety practices for handling HIV in an occupational setting, we have relied extensively on our past experiences over many years in the handling of hepatitis B virus (HBV), the causative agent of serum hepatitis. Although the disease associated with clinical hepatitis is considerably less serious than AIDS, especially regarding mortality, the use of HBV as a model for HIV has many merits and provides us with a conservative preventive program.

Data on the occupational infection of laboratorians and healthcare workers indicate that the risk of acquiring HBV following accidental exposure may be as high as 30-40%; information to date on HIV infection following similar exposure is indicative of a significantly lower risk, much lower than 1%. Considering that patients with acute hepatitis may possess 100,000,000 to 1,000,000,000 virus particles per

milliliter of blood and those acutely ill with AIDS only 10 to 100 virus particles per similar volume, and often fewer, one can readily understand the relative risks, even without knowledge of infectious dose.

Thus, the use of the HBV model and infectivity scenario provides us with the worst-case situation, and safety precautions and practices in use for many years in laboratories and hospitals should be ample to protect workers from occupational HIV infection. Not only is HBV more infective, but data indicate that HBV is a hardier virus in its ability to survive exposure to environmental stress or chemical disinfection. Research studies on viral disinfection have demonstrated that HIV is destroyed by alcohols, hypochlorites, hydrogen peroxide, phenolics, and formaldehyde, all readily available and extensively used laboratory disinfectants, at concentrations below those normally formulated for use. For example, with the use of sodium hypochlorite — ordinary household bleach — at a concentration of 5,000 ppm available chlorine (a tenfold dilution of household bleach), the expected log reduction calculated by using linear regression analysis is more than 1,400 logs! In addition, the more fragile ultrastructure of HIV is more amenable to disinfectant action and destruction than the more hardy HBV. The CDC recommendation for destruction of HIV in the laboratory or healthcare setting stipulates the use of the 10% solution of fresh household bleach.

The CDC/NIH guidelines entitled "Biosafety in Microbiological and Biomedical Laboratories" recommend that safety practices used for HBV should be applied to work with HIV. Consequently, biosafety level 2 is indicated for HIV based on lack of documentation that this virus is transmitted by the aerogenic route. The guidelines state that "hazards to personnel working with these agents may include autoinoculation, ingestion, and skin or mucous membrane exposure to infectious materials." In contrast, biosafety level 3 is associated with "agents where the potential for infection by aerosols is real." It seems prudent, in view of the fatal nature of the disease AIDS, that some of the safety practices employed at level 3, such as the use of biological safety cabinets, should be applied to work with HIV.

All blood and blood products being processed must be considered as potentially infective and should be handled with extreme caution. Gloves should be worn to protect the clinician or laboratorian. Hand washing is imperative; it becomes the first line of defense against the spread of virus or possible infection. The syringe and needle can become vehicles of transmission; recapping of needles, destruction of needles, or any other manipulation should be avoided. Receptacles for discard should be readily available for containment of needles and syringes. Mouth pipetting is prohibited under any circumstance; numerous devices are available as pipetting aids. Smoking, eating, drinking, and applying cosmetics are strictly prohibited practices in laboratory settings.

Finally, when applying our knowledge and experience of

HBV to HIV, an important and very significant difference becomes apparent: we have a very effective prophylactic vaccine available to protect healthcare workers against hep-

atitis B infection. To date, although under extensive research, no vaccine is available to protect individuals against AIDS. ■

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A Tasteless Proposal

Caffeine Overdose

Ronald B. Mack, M.D.

An affluent society, such as ours, demands from its citizens financial contributions to organizations who attempt to find causes and cures for diseases. One disease condition, that I know of, has no such fund-raising organization, i.e. no telethons or mother's march or walkathon or mail or phone solicitation. The disease: SRT, the Scourge of the Rebellious Teenager. You will have to admit that these young people cause many cases of gray hair or no hair (from baldness due to anxiety or trichotillomania), coronary insufficiency, insomnia, peptic ulcers, onychophagia, and marital difficulties, just to name a few of the complications seen in parents and grandparents. There has never been a good way to solve this problem which has plagued us since man began to replicate himself (herself). I may have found a solution to this problem and Jonathan Swift gave me the idea (more about him later — let us save him for dessert).

Some of the ways that today's adolescents attempt to question and overturn authority is to adopt a language of their own, listen to music that most civilized adults cannot abide, dress in weird clothes, wear their hair in styles that in some periods of history would have been considered demonic and would have required burning at the stake, and, of course, indulge in practices that no parent would find rational.

One such behavior involves the remarkable increase in suicide attempts by adolescents, often using whatever drugs are already in the house or are easy to obtain from friends or on the street or even over the counter. We recently had a teenager enter our emergency room after transfer from another hospital, and he died less than 90 minutes later. Certainly a tragic end to a young life. The toxicology report revealed an abnormal level of caffeine in his blood.

If you were to ask me what is the liquid substance that keeps our country going and makes it a major force in the world, I would not say water, or blood or oil; I would say caffeine-containing liquids — coffee, tea, and soft drinks. One out of three Americans consumes an average of 200 mg of caffeine per day, in some form or another. The average American can't seem to get together in the morning

without a caffeine fix. For a fact, many contracts have a mandated coffee-break written into them. Just think of it, for most people it is a pleasure that is not illegal or immoral or fattening. At one of our nurses' stations is the following sign: "I no longer smoke. I use no salt. I haven't had an egg in years, and I hardly drink booze no more . . . I am, I swear, nearly perfect, but God — are you listening, God? — I need my coffee."

There are legends that suggest that coffee was discovered in the Ninth Century AD by Ethiopian wanderers,¹ who noticed that the cattle with whom they traveled became more active after eating coffee beans from the trees bearing this substance. These nomads decided to find out for themselves if indeed these gray-green odorless seeds could turn them on as well, and sure enough they did. Soon after, one of their smarter members, Ahmed Maxwell House, found that if you roasted the seeds and added a liquid you could produce a good tasting drink. We can only hope that these wanderers, traversing the dessert, used water as their diluent liquid.

Coffee drinking became a way of life, in a spectacular fashion, in this country after the Boston Tea Party. It has been alleged that 50% of the world's production of coffee is consumed in 98% of American homes each year.² Caffeine was initially isolated from coffee in 1821 and the rest is history.

Caffeine is ubiquitous in this country and is found in coffee, of course, and in tea, cocoa, chocolate, soft drinks, many over-the-counter drugs used as stimulants or diuretics, analgesics and appetite suppressants. Those of you old enough to remember "APCs" from World War II recall their universal usage against all pathological evils. The composition of this panacea was aspirin, phenacetin and caffeine — hence the name "APCs." We used this substance in the "sick bay" whenever there was a complaint that we could not cure by painting the diseased area with merthiolate.

Caffeine is a methyl xanthine quite similar to other xanthines such as theobromine or theophylline and is a weakly, basic alkaloid. Caffeine is quite rapidly absorbed orally, rectally (say what? Listen, nurse, if I want coffee, I drink it or not at all) and subcutaneously. After absorption, this drug rapidly diffuses in the total body water and tissues. The volume of distribution is approximately 1 liter per kilo.

From Department of Pediatrics, Bowman Gray School of Medicine, Winston-Salem 27103.

Peak serum levels are reached in approximately thirty to sixty minutes. caffeine is metabolized in the liver and excreted by the kidney, and only 10% of the drug is excreted unchanged. The half-life of caffeine is 3.5 hours except in young infants, where it is prolonged.³

Caffeine can produce many changes in the metabolism of the human body. For example, caffeine causes an increased accumulation of cyclic nucleotides through inhibition of phosphodiesterase (really? I did not know that). This reaction appears to augment the effect of some hormones, especially norepinephrine, and thus caffeine increases plasma catecholamine concentrations. Caffeine can also cause a decrease in glucose tolerance possibly due to catecholamine release, can cause induction of hepatic drug metabolizing enzymes, and is a diuretic, as most of you already are aware. It also increases the permeability of calcium in the sarcoplasmic reticulum, possibly causing the enhanced contractility of skeletal and cardiac muscle seen only too commonly with caffeine use. Caffeine blocks receptors for which adenosine is an agonist. Adenosine dilates blood vessels, slows the rate of cardiac pacemaker cells and inhibits the release of catecholamines from autonomic nerve endings.⁴ These effects may be important to recall when we begin to think about caffeine side effects and overdose.

Remember the song, "I love coffee, I love tea . . . I love the java jive and it loves me." You say you don't remember — you got no cool. In any case, the "java jive" may not like you. Caffeine is a recognized stimulant of gastric acid and pepsin production and has the ability to reduce the tone and function of the lower esophageal sphincter with resulting abdominal pain and "heartburn," feelings known to us all. Caffeine can also increase secretions from the small intestine giving rise to diarrhea. Thus it appears caffeine has the ability to exert its effects on the central nervous system, smooth and skeletal muscle, the cardiovascular system, the kidney, and the general metabolism of all users.

Caffeine exerts its effects on the central nervous system by stimulating the cerebral cortex, medullary, respiratory vasomotor and vagal centers, as well as the spinal cord. Average doses of 85-250 mg result in feelings of less fatigue, less drowsiness and more alertness. Doses of 250-500 mg can cause anxiety, restlessness, insomnia, tremors and hyperaesthesia. Doses of 500 mg can cause convulsions. The effect that caffeine has on the cardiovascular system probably depends to a large degree on dosage and is difficult to predict with any degree of accuracy. It is known that the myocardium is stimulated directly, but central vagal stimulation may overcome local effects. In very sensitive caffeine consumers, average doses may cause tachycardia, palpitations and ventricular extrasystoles. Most of the time caffeine produces vasodilation, but in moderate doses cerebral meningeal vessels constrict. Skeletal muscle has an increased capacity for muscular work following caffeine ingestion. Other effects include the diuretic, whereby moderate doses of caffeine cause an increased renal excretion of sodium and water. Doses of 3-9 mg per kg of caffeine

raise the basal metabolic rate by 10%.

Fortunately, death from caffeine overdose is rare; as you might surmise, remarkable spontaneous emesis occurs rapidly following large oral doses. The lethal dose of caffeine in an adult is between 5 and 10 grams. There is no known minimum toxic dose that is agreed upon, but one gram in an adult can produce seizures, tremors, tachycardia, vomiting, diarrhea and fever. Severe symptoms in children have occurred after an oral dose of 78 mg/kg and deaths have been reported in children after oral doses of 5.3 grams. To put these amounts in perspective, consider the following:⁵

Brewed Coffee	85-100 mg/cup
Tea	30-75 mg/cup
Soft drink	up to 54 mg/12 oz can
Cafergot	100 mg/tablet
Fiorinal	40 mg/tablet
OTC analgesics	16-32 mg/tablet
OTC cold preparations	15-30 mg/tablet
OTC stimulants	100-200 mg/tablet
Look-alike drugs	37.5-325 mg/tablet

"Look-alike" preparations, AKA "legal uppers," "pseudospeed," etc., look-a-lika amphetamines, methamphetamine and other prescription stimulants. These widely used and available non-prescription products are sold as appetite suppressants and stimulants and usually contain caffeine, phenylpropanolamine and ephedrine. Most of these preparations are made to look like prescription dose units of amphetamines. The FDA, in November 1983, communicating via the Federal Register, mandated that caffeine, phenylpropanolamine and ephedrine or combinations of any two of these will no longer be allowed on the market. However, illegal combinations can still be found on the "street." Recently, five deaths due to caffeine in "look-alike" drugs were reported.⁶

With the background information, it should be relatively easy to predict the clinical course of patients who overdose on caffeine, either accidentally or on purpose. It is no surprise that gastrointestinal symptoms are the earliest adversities to present; they consist of abdominal cramps, world-class nausea and vomiting (can be hemorrhagic) and diarrhea. It is stated by many authorities that central nervous system signs and symptoms are the most common and most consistent and begin often as agitation and restlessness before proceeding to tonic posturing, fever, rigidity, fluctuating levels of coma and convulsions. The cardiovascular effects of caffeine overdose are much to be feared and may well be the cause of death in such cases. Sinus tachycardia, PVC's, bigeminy, paroxysmal atrial tachycardia and cardiovascular collapse can occur. Systemic hypertension has also been reported. Pupils are most often miotic but may be dilated. A recent article reports acute psychosis occurring in an adolescent patient with anorexia nervosa who ingested mega quantities of caffeine.⁷

Laboratory findings in caffeine overdose include hyperglycemia, glycosuria, ketonuria, hypokalemia and periph-

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eral leucocytosis. It is possible to obtain plasma caffeine levels, which reach a peak within two hours of ingestion. Irritability and tonic posturing have occurred with levels of 1.7 mg/dl, tachycardia and convulsions have occurred with levels of 4.6 mg/dl, coma and opisthotonus with 12.5 mg/dl and death with levels greater than 15 mg/dl six hours after ingestion.³ Our patient died 20 hours after ingesting caffeine with a caffeine level of 1.1 mg%; we have no idea what was earlier in the course and no other drugs were found in the toxicology samples. You cannot use caffeine levels anyway, as the toxic or lethal levels vary so widely in the literature as to be of no clinical use in management except for qualitative identification of the drug.

Treatment

The treatment is supportive, as there is no antidote or antagonist. Gastric emptying, charcoal and cathartic administration appear to be indicated. Seizures can be treated with intravenous diazepam or phenytoin or phenobarbital if diazepam fails. Giving liquid antacids may reduce the gastric

irritation. The cardiac arrhythmias that ensue can be treated with an appropriate agent dependent on the type and severity of the disturbance. Monitor fluid and electrolyte balance, urinary output and cardiopulmonary status. Most cases of caffeine overdose do not result in death.

Realizing that many of our young people have annoying and disgusting mannerisms and habits, we might copy a plan proposed by Jonathan Swift in 1729. Our man Swift was an Episcopalian clergyman in Ireland who is acclaimed for his marvelous satirical writings. He is best known for his classic tale, *Gulliver's Travels*. What to many children is a grand adventure story is really an attempt by the author to satirize the pettiness of human nature in general and the government in power in particular. Swift entered politics to represent the Irish church in petitioning the English Queen and government to provide funds for the church. He was turned down and decided to seek revenge in the only way he knew how; using his accomplished literary skills. He also wrote an essay which is considered a classic among lovers of English literature; it is called *A Modest Proposal*⁸ — subtitled "For Preventing the Children of Poor People in Ireland From Being a Burden To Their Parents or Country And for Making Them Beneficial To The Public." In this outrageous tract, he proposed a plan to raise and market Irish babies for food. This was his way of satirizing the failure of the English government to provide the necessary funds for the Irish poor. It is considered the most savage of his writings; I mean the man was angry but also very clever. Now, what do you think? Should we harvest our incorrigible teenagers and put them to good use? Raise them for food for local consumption and export? (It would probably help our ailing balance of trade.) By the way, I won't be eating any, thank you. I've heard they taste terrible in pasta. ■

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Controlled Substances from the Emergency Room

Edited by Eugene W. Linfors, M.D.

How should physicians respond to patients who hop from Emergency Room to Emergency Room for the purpose of obtaining controlled substances?

How can these patients be identified? Should knowledge of this drug-seeking behavior be made available to other Emergency Rooms in the area?

From E. Jackson Allison, Jr., M.D., M.P.H., Chairman, Department of Emergency Medicine, East Carolina University, Greenville.

Our group of academic emergency physicians at the Department of Emergency Medicine, East Carolina University School of Medicine/Pitt County Memorial Hospital in Greenville, have collectively developed a high index of suspicion when confronted by patients who are seeking narcotic medications. Quite honestly, we have also been fooled at least twice in the past seven years, and these experiences have helped to remind us not to repeat similar mistakes in the future.

It is always helpful to request old records when we suspect drug-seeking behavior. Many times these records will contain shocking revelations, such as those about an ECU professor who had received an unbelievable number of dosages of narcotics over a ten-year period: it literally took three volumes of charts from Medical Records to document the total spectrum of abuse. Once we had fully identified the problem, we took the following steps: the patient was not allowed to receive any further narcotic agents in the Emergency Department unless the patient was being admitted to hospital; a discreet memo was circulated to all concerned parties, notifying them of the extent of this patient's involvement; the State Bureau of Investigation (SBI) was alerted.

We have a system of notifying other Emergency Departments in our region of patients who present who are

obviously seeking narcotic medications. Again, this mutual cooperation amongst colleagues over the past few years has been very gratifying.

We always notify the SBI of patients who exhibit suspicious behavior in our Emergency Department. The particular SBI agent in Greenville who deals with these cases has been exceptionally helpful and professional.

We have three forms of internal communication within the Emergency Department to make sure that the physicians and nurses are aware of patients who attempt to abuse our Emergency Department in this realm: we have a communications book at the nurses' station, in which we make appropriate notations about these patients; the physicians also have a confidential communications book they keep locked up for more in-depth information whenever the SBI and/or other Emergency Departments become involved; and the nurses have a similar book. We also make appropriate notices for the registered nurses who serve as our triage officers on a rotating basis in the Emergency Department.

In summary, these patients need to be dealt with appropriately, yet firmly; the proper authorities such as the SBI need to be notified early, as well as our colleagues in surrounding Emergency Departments; communications is the key to halting drug-seeking behavior.

From Frederick W. Glass, M.D., Head, Section of Emergency Medicine, The Bowman Gray School of Medicine, Winston-Salem.

For those who work in the Emergency Department and for all other physicians who handle patients on an out-patient

From 306 Gregson St., Durham 27701.

basis, it is difficult to recognize the professional drug abuser. There are a few obvious signs which would include puncture wounds of the extremities, peculiar behavior or the fact that they are allergic to certain, specific narcotics which you would like to prescribe. The most common complaints include the kidney stone, headache, and those with abdominal pain.

I have adopted the almost rigid policy of dispensing no narcotics except one or two tablets of Demerol or Dilaudid on an out-patient basis. My universal pain medication includes Codeine if I think the patient is in pain, and if the pain is more severe than Codeine will take care of I strongly suggest hospitalization and a work-up. This discourages many of the professional abusers but there are a few still who get into the system by being willing to accept any of these procedures. Although these people are difficult to identify at times, we do have a mechanism in this city between two major Emergency Departments of notifying each other when we think we have seen such patients.

I am uneasy with this working philosophy, realizing that there are many patients who will continue to have pain, but I believe that the consequences of controlling the substance are as important as having the patient come back to the Emergency Department for further work-up.

From Noel B. McDevitt, M.D., a plastic surgeon in Pinehurst.

As a plastic surgeon, I see very few patients for whom prescribing of controlled substances might be questionable. Identification of such individuals can be difficult, particularly when there has been an antecedent history of injury or illness which might have, as an associated problem, chronic pain.

Generally when there is a question regarding this, a psychiatric consultation is in order; and frequently, particularly for suspected chronic pain syndromes, referral to a pain clinic is suggested. The patient who resists such referrals might be suspected as one who is the "hopping patient."

The question of sharing the identification of individuals who are hopping from Emergency Room to Emergency Room involves patient confidentiality, unfortunately; and while desirable, could leave the physician and/or institution open to action from an individual thus identified. Legislation allowing such identification would be desirable, but careful safeguards would need to be included to prevent abuse and improper identification of such individuals.

From Ronald B. Mack, M.D., Chairman, Committee on Drug Abuse and Pharmacy, NC Medical Society.

I believe that we need a 24-hour-a-day, 7-days-a-week,

central repository, computerized, with easy access by modern or other electronic gear, to provide information on habitual emergency room "shoppers" for controlled substances.

I also believe physicians need legal immunity, as we do in child abuse cases, so that we may report suspicious potential drug-abusing behavior with impunity.

Emergency rooms in the same general area should be allowed to share information regarding drug-seeking persons even if it requires a state statute.

From Daniel G. Sayers, M.D., Section of Emergency Medicine, The Bowman Gray School of Medicine, Winston-Salem.

The conscientious physician must not let considerations such as the identification of drug seekers prevent the judicious use of pain relieving agents in the emergency setting. The relief of pain remains one of the most important foundations of medical practice. I believe it is clearly better to give a narcotic to an habitual user than to refuse a person who is in agonizing pain. Physicians are not and should not be police, in my opinion.

On the other hand, it is appropriate to withhold controlled substances where pain medication can confuse physical findings and interfere with the ordinary course of diseases which rely on pain patterns for their accurate diagnosis. Additionally, physicians would not knowingly aid and abet the habitual user of controlled substances except in cases where it is necessary to interrupt a severe withdrawal reaction which may be dangerous. The act of withholding controlled substances may be quite within ethical limits in the appropriate circumstance.

With these background statements in mind, I feel that it is quite important to identify drug-seeking in emergency departments as well as in physicians' offices. Physicians' offices tend to be less accessible and less impersonal than emergency departments, and it is more difficult to see a new physician on each visit in the office setting.

The emergency department, with shift physicians who sometimes travel long distances to work relatively infrequent shifts, and with immediate and unquestioning access 24 hours per day, is more vulnerable and is quite easily found by the traveling drug user.

In my experience, identification of the traveling substance abuser can be quite easy in the setting of a patient who requests drugs without the stigmata of severe pain or who approaches the physician in a seductive, dependent or demanding manner. Often there are vague or unprofessional notes from alleged physicians in different states or in some cases discharge summaries from large institutions such as teaching hospitals. Most times, the physician is unreachable on the telephone or if called, will describe obscure diagnoses, early departure from the hospital or poor follow-up.

Patients may exploit real diseases or physical findings and sometimes go from emergency department to emergency department with complaints of severe pain relating to these. Another red flag may be multiple allergies which prevent studies from being performed or which make the use of medium strength pain medications impossible. In some cases, old charts from the institution will be of help in showing a somewhat inappropriate pattern in seeking emergency department care to the exclusion of scheduled follow-up visits.

The problem for the somewhat isolated emergency department physician is to establish the repetitive or exploitative pattern. Communication patterns among emergency departments are poor because they are cumbersome and because emergency department physicians tend not to know one another well. There exists no central repository for information, and legal considerations have prevented us from reporting patients by name on a mere supposition unless the evidence is quite strong. Occasionally, local hospitals or regional systems can notify one another, but no regular procedure or predictable patterns have been established to my knowledge. The occasional message from one hospital to another will allow an exploiter to be confronted and rarely this will interrupt that person's pattern. We have no method of enforcement, however, unless it can be demonstrated that fraud has been perpetrated by the use of false names, misuse of insurance or clear misrepresentation. The result is that in most cases, the inappropriate drug seeker will simply be discharged to try again somewhere else if he or she so chooses. It is interesting to me that the people I have identified as drug seekers in the past often are quite hostile and threatening when denied pain relief. I think in most cases that this must have been at least partially successful for them in obtaining drugs or they would not display this type of behavior, which clearly alienates the health care provider.

I would like very much to see or to stimulate discussion about a central repository where information could be deposited and easily accessed regarding the inappropriate use of the emergency department, particularly in the case of drug seeking. I believe that the North Carolina Hospital Association has cooperated in publishing descriptions of "professional patients," but these documents have been of little help to me because they are oftentimes out of date. Something like this system needs to be initiated using electronic communication technology. To date, the problems of confidentiality and the potential for false accusation have largely prevented a public dialogue about how to implement such a program. We have addressed this issue in the North Carolina Medical Society's Committee on Alcohol and Drug Abuse, and personnel from the State Bureau of Investigation have expressed interest in developing systems by which abusers might possibly be identified.

I feel sure that the majority of emergency physicians would be quite enthusiastic about a method by which an individual physician could discover whether or not a patient who appeared suspicious had displayed similar behavior at other institutions. In the Winston-Salem/Greensboro region,

the cooperative efforts of the State Bureau of Investigation and emergency physicians have in at least one case resulted in the apprehension of a patient with known carcinoma of the lung who sought Dilaudid in six separate emergency departments in one 24-hour period. I feel that this type of cooperative effort is quite appropriate and that it benefits both the medical profession and the citizens of North Carolina. I think that physicians need to have some assistance in the identification of this type of psychopathology in order that public services might be notified to initiate investigation and possibly treatment programs. I believe that in this situation, the physician has a similar responsibility to that which obtains when a case of child abuse is identified. We simply do not know the scope of the problem nor its ramifications. In order to describe the epidemiology of this problem, we must have a safe and effective method which will enable us to learn the true incidence.

**From Harold R. Silberman, M.D.,
Medical Director, Emergency
Department, Duke University
Medical Center.**

There are numerous excesses in the use of emergency rooms these days and certainly high on any list of inappropriate visits are those made by individuals who come solely to seek analgesics. This is no surprise since a particular segment of our society, which harbors many with drug habits, uses ERs almost exclusively for all of their medical, surgical and psychological needs.

Unfortunately, the type of behavior under discussion, which includes hopping from emergency room to emergency room for the sole purpose of obtaining controlled substances, can receive too much emphasis or the wrong type of attention. Nurses, doctors, and even secretaries, frustrated by certain aspects of emergency medicine, frequently get caught up in the fun of catching these folks. This game of "gotcha" may be temporarily satisfying, but certainly isn't a productive effort for an emergency department.

Identifying the so-called "drug seeker" is still an imperfect and sometimes expensive process. Needletracks are the most blatant clue. Nurses, especially during the triage function, pick up on certain characteristic mannerisms including evasive answers to questions, eye avoidance, and a composure inappropriate for the reported severity of pain. All of that, along with a claimed "sixth sense," suggests that the patient doesn't have a legitimate complaint. Sometimes a member of the staff actually recognizes a repeating offender. In many instances, it's necessary to spend some money on laboratory studies, x-rays or even scans in order to rule out possible causes for pain such as renal stone, fracture, pneumonia or even an intracranial process. Missing certain diagnoses in an addict could be just as expensive during and after litigation as it would be if drug misuse were not at issue.

In the Duke Hospital Emergency Department we keep a card file of those people identified as coming solely for narcotics, and some of them have several aliases. However, it requires that a nurse or doctor be suspicious enough to look in that file for assistance when evaluating a patient's symptom.

Although a very pertinent point of law could be raised concerning the legality of sharing information without an individual's expressed consent, it has seemed morally and ethically appropriate for ERs to warn one another about drug seekers under the rubric of reducing direct injury by restricting access to harmful substances, or preventing an indirect injury such as trauma to pedestrians or operators caused by an impaired driver. Even though this kind of spreading the word has become commonplace and could be called the standard of practice, that alone might not protect one against a theoretical suit based on breach of confidentiality. This area certainly needs more thought and discussion.

There is a constant obligation for physicians to inform and teach in all areas of patient contact regardless of the arena or the medical setting. It is appropriate and important to inform each person known to be abusing himself or herself with substances, that: (1) you, as the doctor for this current encounter, are aware of their unhealthy behavior; (2) they need to seek treatment for drug dependency; (3) you've made an entry into their chart about the problem; (4) some emergency room staff share this kind of information with one another; and (5) it is a criminal offense to withhold information about the recent use of analgesics while trying to obtain something for pain from a new doctor (called "doctor shopping" by narcotics officers and SBI agents).*

America's problems with illicit drugs are manifold and extensive. A small portion of a very complex situation is played out in emergency rooms. ER doctors should certainly participate in some way towards the control of this tragedy without being naive about their expectations and without expending energies that are better used in their primary goal, the recognition and urgent management of severe medical or surgical crises. Part of the essence of emergency medicine is learning how to prioritize. I clearly put catching drug addicts low on my list of priorities even though it can sometimes be good sport!

*Statute North Carolina GS. 90-108 (A) (13)

"To obtain controlled substances through the use of legal prescriptions which have been obtained by the knowing and willful misrepresentation to or by the intentional withholding of information from one or more practitioners."

"Any person who violates this section shall be guilty of a misdemeanor. Provided, that if the criminal pleading alleges that the violation was committed intentionally, and upon trial it is specifically found that the violation was committed intentionally, such violations shall be a class I felony."

From Anthony J. Weisenberger, M.D. and Alan L. Krueger, M.D., practicing psychiatrists at Appalachian Hall, Asheville.

We have discussed this issue and also elicited the opinions of several other staff members. The following are our thoughts:

MDs should become more aware of techniques of addicted individuals and should come to understand "drug-seeking" behaviors.

Physicians should medicate more for *signs* rather than *symptoms*.

With computerization, MDs should be able to establish patterns of ER utilization within their own facility. This information would be valuable in determining the drug-seeking behaviors.

As to legislation/controls, it is our understanding that we have a "doctor shopping" law in the state. This should be utilized. When and if a person is suspected of obtaining drugs from various MDs/ERs, they should be reported to the SBI's Drug Diversion Unit (Keith Bulla — 919/292-5320) for an investigation.

Again, we need to recognize that the majority of problems are known to MD/ER personnel, but they do not confront.

From Charles S. Betts, M.D., a physician in Asheboro.

These patients need to be identified by some central tracking mechanism, for they are addicts in the true sense of the word, using every bit of manipulative behavior that they have at their disposal in order to sustain their habits. Usually these patients can be identified by realization of the fact that they often ask for specific drugs for their problems, usually Dilaudid or Demerol. Often if patients come into the emergency room requesting specific medication this will alert the emergency room physician to a potential drug problem. Unless these addicts are identified and placed into a treatment program, they will continue to be a menace to an already busy emergency room population.

The knowledge of this drug-seeking behavior in these various patients should be made available to other emergency rooms in the area. It is through central tracking and distribution of such information that these patients stand the best chance of getting help.

It is important to keep in mind that these patients who exhibit such drug seeking behavior do not have the choice of foregoing drugs. It is a common misconception that either with will power or by simply saying no they can stop of their own free will. By the time these patients hop from emergency room to emergency room they have lost all control of their addiction, exhibiting a compulsive and obsessive type of behavior over which they have no control; they are

essentially powerless over their addiction and unable to manage their own lives.

Having been through such a dilemma myself as these unfortunate patients present with, I can appreciate the fact that, unless these patients are stopped and channeled into some meaningful drug rehabilitation program, they will continue to abuse the system as long as they have the means to get from emergency room to emergency room.

From Stuart Todd, M.D., General and Vascular Surgery, Boice-Willis Clinic, Rocky Mount.

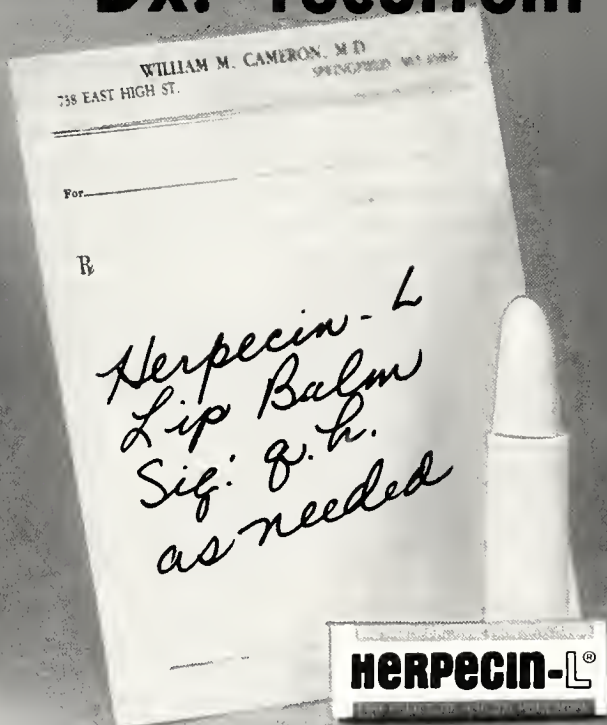
The question of patients who go from Emergency Room to Emergency Room for the purpose of obtaining narcotics is not something I deal with a great amount. We have Emergency Room physicians who see most of that, although I do have an occasional patient with whom that is a problem. Here in Rocky Mount, we have tried to make other phy-

sicians aware of these patients and I do not know that there is a standing list of these patients. It seems that once a person is identified as a drug abuser and Emergency Room abuser, it would be reasonable to have a list of these patients posted in the Emergency Room; or if doctors in their offices are aware of patients who are chronic pain abusers, they should make the Emergency Room aware of this problem. As to whether or not it should be made available to other Emergency Rooms in the area, I think certainly that seems reasonable to do.

As a surgeon, I treat a lot of patients with chronic pain, and because of the type of practice I have, several of these people have become narcotic addicts, and the family and patients recognize the problem. Usually, I deal with the pharmacist and we have worked out an understanding about this kind of problem. I have seen very few people who are actually pain medicine abusers. ■

Editor's note: I guess the same question could be asked about people who visit doctors' offices looking for specific drugs.

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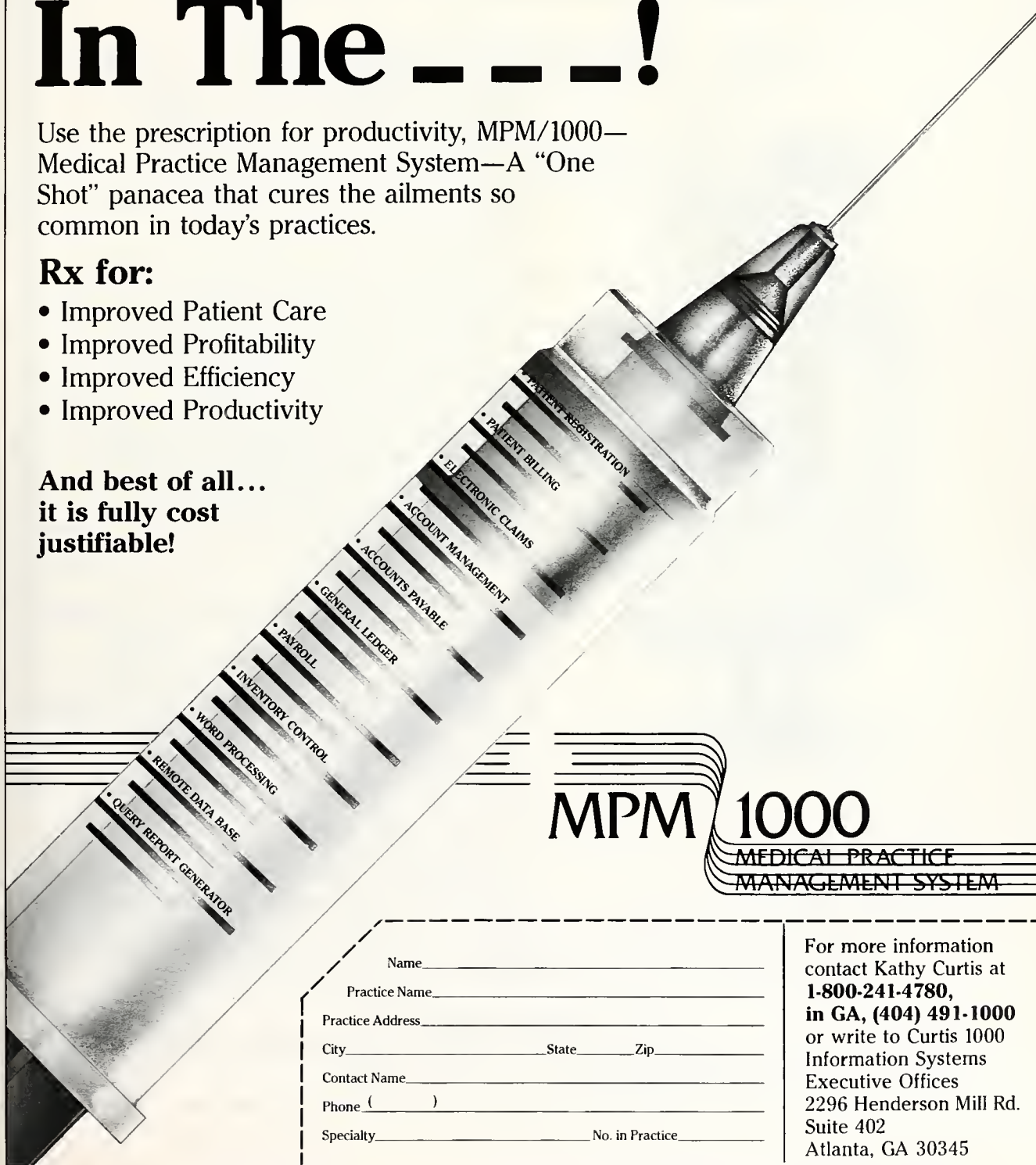
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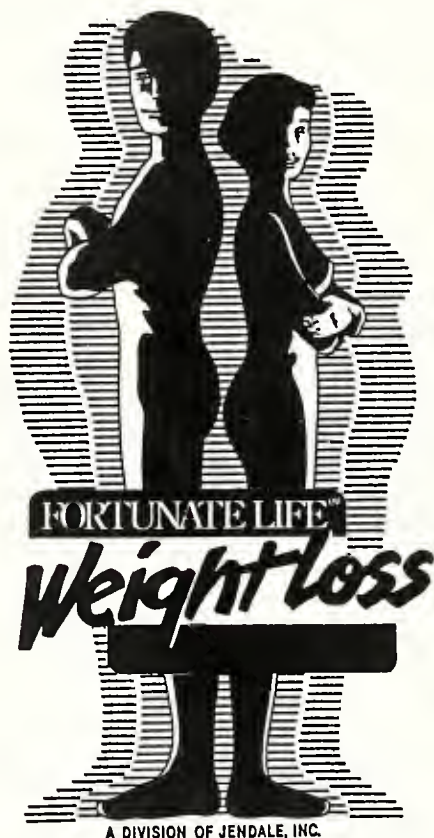
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*Caution: If perforation of the eardrum exists, specify Cortisporin Otic Suspension (this drug should be used with care in cases of perforated eardrum).

NORTH CAROLINA MEDICAL JOURNAL

For Patients

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The Story of Interferon

LINVILLE M. MEADOWS, M.D., HOWARD OZER, M.D., PH.D.,
and RUSSELL E. KAUFMAN, M.D.

There are a number of interesting stories in medicine. Some demonstrate the latest advances in medical technology. Some reflect the personalities involved, others the manner in which the pendulum of scientific opinion swings back and forth. So it is with the story of interferon, which begins 30 years ago.

Interferon was discovered in 1957 by Dr. Alick Isaacs, who was working with an American graduate student named Jean Lindemann in his laboratory in Mars Hill, England. They were studying influenza virus using amniotic membranes from chicken eggs. They isolated the membranes from fertilized eggs and cultured them in a laboratory dish. When influenza virus was added to the dishes, it would attack the cells in the membranes and kill them. They discovered that if they first killed the virus by heating it, so that it could no longer infect the cells, the cells would then become resistant to a later challenge by live virus. Somehow, exposure to the killed virus allowed the cells to resist infection. When they added the culture fluid from the treated cells to untreated cells, the untreated cells also became resistant to infection with influenza. Exposing the chick cells to killed virus

caused the cells to produce a protein which could interfere with the viral infection. They called the protein interferon.

Over the next few years, other investigators confirmed the findings of Isaacs and Lindemann, but because interferon was produced in such minute quantities it was impossible to obtain enough to analyze it biochemically using the techniques then available. Workers in the field came to be thought of as phenomenologists and practitioners of fringe science. Isaacs came to be described as "a serious virologist who'd become a crackpot." Interferon, difficult to study and impossible to purify, became known as "imaginon."

The First Look at Cancer and Interferon

The first evidence that interferon might be an anti-cancer agent came in 1968 from the work of Dr. Ian Glasser. It was known that a number of tumors in mice could be induced by certain viruses, known as retroviruses. He reasoned that if interferon blocked viral infection then it might also prevent the development of the tumors they caused. He injected large doses of interferon into the animals and indeed blocked the formation of the virally-induced tumors. As a control, he injected the mice with transplantable tumors which were not virally induced, but to his surprise, when he treated the mice with interferon, the growth of these tumors was slowed as well. Thus

From Department of Medicine, Division of Hematology/Oncology, Duke University Medical Center, Durham 27710; and Department of Medicine, Division of Medical Oncology, University of North Carolina at Chapel Hill 27514.

interferon was capable of inhibiting the growth of tumors in a manner independent of its anti-viral activity.

Glasser's findings were not considered significant at the time for several reasons. First, a number of substances had been found to inhibit tumor growth in the laboratory, but rarely could such studies be translated into therapy for humans. Second, since a human weighs approximately 350 times as much as a mouse, the quantities of interferon required to treat even one patient would be astronomical.

The problem of producing interferon in quantity was first successfully addressed by Dr. Kari Cantell, working at the Public Health laboratories in Helsinki, Finland. He isolated leukocytes from outdated units of blood, then stimulated them with killed Sendai virus, which caused the leukocytes to make interferon. Literally hundreds of units of blood were required, but by painstaking and laborious efforts he worked out a purification scheme for interferon. The product was still impure by today's standards, and was incredibly expensive, but for the first time, enough interferon was available for clinical studies.

The first human trials were done by Dr. Hans Strander of the Karolinska Institute in Stockholm. He used Cantell's leukocyte interferon to treat patients with a rare bone tumor known as osteogenic sarcoma; research had suggested that this tumor might be related to a viral infection, so it was reasonable to assume that it might be sensitive to interferon. Strander's results suggested that interferon was effective in treating these patients, but he made the classic mistake in clinical oncology — he compared his patients to historical controls, that is, he compared patients treated with interferon to patients who had been treated in the past. By doing this, he ignored advances in medicine that probably also contributed to his patients' survival. Later studies were not able to confirm Strander's results, but the cat was out of the bag. By July 1973, interferon was being touted as a cancer breakthrough on the editorial page of the *New York Times*.

The prevailing climate of scientific thought began to change. In 1975 the first international conference on interferon was held in Washington, D.C. For the first time clinicians, immunologists, virologists, and oncologists were assembled to discuss the possible anti-tumor uses of interferon. Interferon was a topic fit for serious discussion; it had achieved scientific respectability.

Slowly, pressure began to mount on the National Cancer Institute to undertake human trials with interferon in the United States, in spite of its tremendous cost. Florida Congressman Claude Pepper lobbied for such trials on the floor of the U.S. House of Representatives. M.D. Anderson Hospital received a \$1 million grant from the Mary Lasker Foundation to buy interferon from Cantell. The American Cancer Society (ACS) also agreed in 1978 to underwrite \$2 million to study interferon. The ACS decision to purchase interferon led to an avalanche of publicity; it was the largest amount of money ever com-

mitted by the ACS to a single project. Interferon made the cover of *Time Magazine*.

Cloning Interferon

At this point the story of interferon takes another turn, for it was in 1979 that Dr. Tadatsugu Taniguchi, working at the Japanese Cancer Research Institute, announced the molecular cloning of the first interferon gene. It had become increasingly obvious that the powerful tools of molecular biology — the use of recombinant DNA technology to mass-produce biological products — were going to be put to commercial use. New molecular biology companies, the genetic "boutiques," sprang up overnight: Cetus and Genetech in California, Biogen in Switzerland and Cambridge. Some of the larger drug companies such as Hoffman-LaRoche bought these smaller companies outright, or forged alliances with them; others, such as Searle, developed their own programs. To demonstrate the effectiveness of recombinant DNA technology, they chose a biologic product that was prohibitively expensive to produce by natural means: the choice was interferon. The publicity associated with the ACS decision to spend \$2 million on interferon probably contributed significantly to the decision by these new companies to make interferon their showcase project. The only major company to abstain from the race was Eli Lilly, which focused its efforts on protecting its \$100 million-a-year insulin market by developing Humulin, their recombinant human insulin.

So, how does one go about "cloning" a gene? The central dogma of modern genetics is that the information coded in the cell's DNA, housed in the nucleus, is transcribed into messenger RNA, which is then translated into protein on ribosomes in the cell cytoplasm. The gene of interest may exist in only one or a few copies and be hard to find, but if a cell is producing a lot of the protein, then the messenger RNA will exist in many copies. The messenger RNA can be isolated, and injected into frog eggs which will unwittingly translate it into protein, so it can be detected as interferon. Using this assay, the messenger RNA can eventually be isolated in pure form. Next, an enzyme known as reverse transcriptase is used to copy the RNA back into DNA; if this is done in the presence of radioactive nucleotides, which the enzyme uses as building blocks to assemble the DNA, this copied DNA, also known as cDNA, can be used as a probe to "find" the DNA which originally produced the messenger RNA.

DNA exists as a double-stranded molecule, and when heated, the strands separate, but retain their primary structure. Strands of DNA or RNA which contain complementary information, and thus a complementary structure, will hybridize or bind to each other with a high degree of specificity. This binding is the key to isolating

Submitting Electronic Medical Claims

RONALD J. MEYER

A new way to submit claims electronically is now available to physicians in North Carolina. Technology has been developed which enables medical office systems to routinely dial a telecommunications network and submit claims to over thirty carriers, including The Prudential Insurance Co. (Medicare 'B'claims), and to the National Electronic Information Corporation (NEIC) for commercial carrier and Railroad Retirement Claims.

The claims clearinghouse network is available by a local call from 25 cities in North Carolina and a total of 650 cities nationwide. There is a toll-free number for practices outside the local dial areas.

Designated the EMC*EXPRESS™ System, the service has been introduced successfully in Illinois, California, Pennsylvania and eight other states. The service is being marketed through vendors of physician and hospital computer and software systems. The Company and the vendor select and tailor appropriate communications technologies. These vendors then aid medical offices in switching from paper claims to paperless claims systems.

In place, the system works something like this:

A typical subscriber might be a physician with a microcomputer and a practice management software package. During the day, the system is used to maintain patient records, prepare financial reports and provide word processing capability. As patient claims are prepared on the computer, they are stored for batch transmission that night. At the appropriate time the computer dials the local telephone number of the teleprocessing network and transmits the claims accumulated during the practice day.

Claims are sorted by a central computer and stored in "mailboxes" to await a phone call from the designated

insurance carrier. Carriers call after 3:00 a.m. each day and extract the claims. Thus, claims can be in the carrier's computer within 24 hours of the patient visit. Error reports are returned electronically by some carriers.

Some vendors also offer microcomputers which function strictly as claims entry workstations.

The Benefits to Physicians

Faster turnaround of claims. Mail delays and claims entry work are eliminated at the carrier site, so a significant number of days are cut from the process.

Lower error rates. Computer systems are capable of checking for designated errors and omissions before the claim is sent, and they normally reduce or eliminate the need to manually re-enter data — the process that is most susceptible to human error.

The network supports a wide variety of devices and protocols from either the provider side or the carrier side. This means that subscribers to the clearinghouse generally can continue to use existing computer equipment and avoid the need to invest in new equipment.

In effect, the network is acting as a single pipeline to the primary carriers accepting batches of claims from a number of health care providers and preparing them for pickup by insurance carriers.

As a result, it is generally possible for physicians and billing services to access the network and to submit claims in one format to the local Medicare Part B carrier, Medicaid, Railroad Retirement, and to processors of group health claims, including Blue Shield. ■

A Picture Is Worth A Thousand Words? Not Always...

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Q. Is Physician Dispensing ethical?

A. Yes, just as other physician's services — lab, x-ray, diagnostic procedure. Physician Dispensing is ethical since patients have the choice to drive to the pharmacy or let you fill their prescriptions.

Q. Will dispensing affect my insurance?

A. In the view of most insurers, you are already dispensing when you give sample drugs to the patient or administer injections, so dispensing represents no change.

Q. How much staff time is involved in dispensing and is there much extra paperwork?

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generated. It only takes about 60 seconds to dispense a prescription ... frequently less time than calling back and forth to the drug store.

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Ovarian Pregnancy

Robert V. Higgins, M.D., Jack L. Crain, M.D.

Primary ovarian pregnancy is a rare entity with approximately 300 cases reported in the literature.¹ The diagnosis is seldom made preoperatively; the pathologic specimen must meet the criteria of Spiegelberg before the diagnosis is confirmed. This is the story of our patient who met the criteria.

A 32-year-old woman Gravida 6, Para 4, Abortus 1 presented to Charlotte Memorial Hospital (CMH) with a two-day history of left lower quadrant pain. This lower abdominal pain was not accompanied by any gastrointestinal or urinary symptoms. Her last normal menstrual period was eight weeks prior to admission but she had experienced vaginal spotting ten days before admission. She was sexually active and not using any form of birth control. Significant past history included treatment for gonococcal cervicitis and IUD use for two years after the birth of her last child.

The patient was afebrile without orthostatic hypotension or tachycardia. She was in no distress. Abdominal exam revealed no tenderness, guarding, or rebound. Pelvic exam showed a soft anteverted uterus, approximately six-week size, and a nontender cystic mass in the left adnexa.

Quantitative beta-HCG level was 17,666 mIU/ml. Pelvic ultrasound showed an "empty uterus" with a 4.2 cm mass in the left adnexa.

With a HCG titer greater than 6,500 mIU/ml and no intrauterine sac seen on pelvic ultrasound, ectopic pregnancy seemed the most likely diagnosis. Therefore, diagnostic laparoscopy was utilized to determine the site of the pregnancy. Laparoscopy revealed a normal right ovary and fallopian tube with approximately 20 cc of blood in the cul-de-sac. Despite manipulation with a second puncture probe, the entire length of the left fallopian tube could not be visualized due to omental adhesions attached to the left adnexal structures. The four cm mass suggested on pelvic ultrasound was not apparent, as the left ovary was not visible.

Laparotomy confirmed the right ovary and right fallopian tube to be normal. The left fallopian tube including the fimbria were normal without adhesions or bleeding. The

left ovary, covered by small bowel and not encased in omental adhesions, contained a four cm hemorrhagic cyst. This appeared to be a hemorrhagic corpus luteum cyst without evidence of a pregnancy.

With the hemorrhagic cyst the only abnormal finding, a left ovarian cystectomy was performed. The opened cyst contained a membranous ring which appeared to represent a gestational sac. Frozen section and permanent sections confirmed an ovarian pregnancy.

Postoperatively the patient did well and was discharged home on the fifth postoperative day.

Epidemiology

The first report of an ovarian pregnancy case was written in 1682 by Saint Maurice, and numerous case reports were published subsequently.² No author has a large series due to the rarity of this problem. In 1970 Lehfelddt and associates stated that one ovarian pregnancy occurred in 40,000 deliveries.³ Recent data indicate the incidence to be approximately one in 7,000 pregnancies, or 0.7 to 1.0 per 100 ectopic pregnancies.⁴ However, it is difficult to determine whether this increased incidence is real or apparent. The increased rate may be due to a greater awareness of the problem, increased reporting, and/or a more thorough search of the pathologic specimen.

Risk factors for ovarian pregnancy appear to be similar to factors related to tubal pregnancies. These factors include a history of pelvic inflammatory disease, prior pelvic surgery, and IUD usage. The association of ovarian pregnancy with the IUD has been controversial; some authors have suggested if an IUD user has an ectopic pregnancy she has a one-in-nine chance of having an ovarian pregnancy.⁵ Subsequent work by Lehfelddt in an exhaustive study showed the IUD is 99.5% effective in preventing intrauterine pregnancies, 95% effective in preventing tubal pregnancies, and has no influence on the ovarian pregnancy rate.³

In one of the largest reviews of ovarian pregnancies, Hallatt compared 25 patients who had ovarian pregnancies with patients who had tubal pregnancies. The average age, gravidity, and percent using an IUD were not significantly different between the two groups. A distinction between these two groups was the lack of infertility in the ovarian

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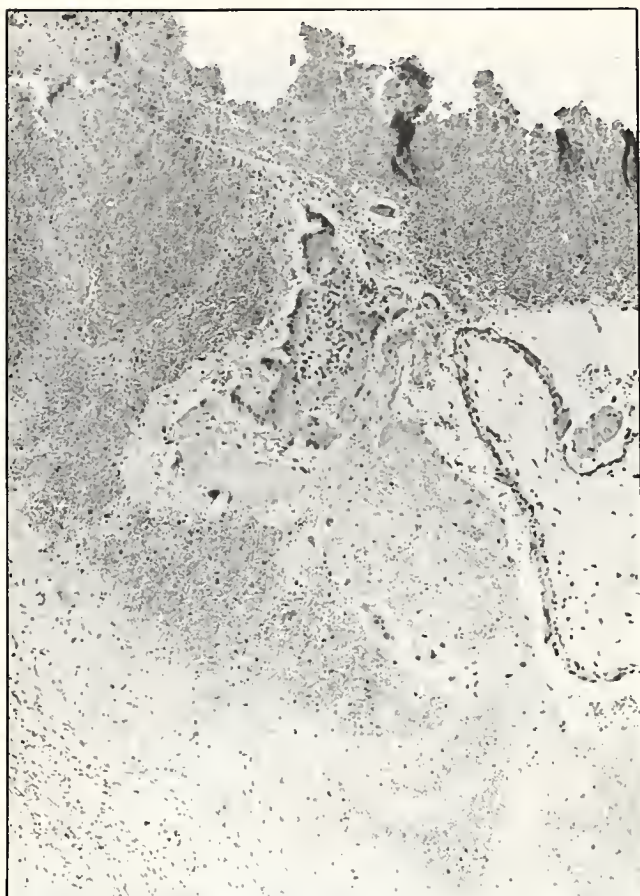


Figure 1. In the upper right, chorionic villi are encased in ovarian parenchyma. Ovarian parenchyma demonstrates a portion of the corpus luteum, and in the lower left, an ovarian follicle.

pregnancy group. Only four percent of the ovarian pregnancy patients had experienced infertility, compared to 20% in the tubal pregnancy patients.⁶

The mechanism of ovarian pregnancies is unknown. Various theories have been offered and reviewed by Boronow and associates.² Most authorities believe ovarian pregnancies are fertilized in the ampullary portion of the fallopian tube and secondarily implant on the ovary. This is based on knowledge that the oocyte is not capable of fertilization until it completes the second phase of the meiotic division which occurs after ovulation. However, some authors state fertilization can be intraovarian in the rare instance of intraovarian maturation.²

Diagnostic Criteria

In 1878, Spiegelberg outlined the pathologic requirements for an ovarian pregnancy: (1) The tube on the affected side must be normal; (2) The gestational sac must occupy the normal position of the ovary; (3) The sac must be connected to the uterus by the ovarian ligament; (4) Definite ovarian

tissue must be present in the sac wall.⁷ The photomicrograph (figure 1) demonstrates chorionic villi abutting the corpus luteum from our patient's left ovary.

Clinical Presentation

Most ovarian pregnancies are diagnosed in the first trimester and present with symptoms similar to tubal pregnancies. Hemoperitoneum may be slightly more common with ovarian pregnancies compared to tubal pregnancies due to the vascularity of the ovary.⁶ Other symptoms of an ectopic pregnancy such as abdominal pain, abnormal vaginal bleeding, and adnexal tenderness are common with ovarian pregnancies. There is no one feature in clinical presentation which differentiates an ovarian from a tubal pregnancy, though one study indicated that amenorrhea was a striking feature in ovarian pregnancies.⁸

Diagnostic studies include serum levels of beta-HCG, culdocentesis, ultrasound, and laparoscopy. Pre-operative localization of an ectopic pregnancy to the fallopian tube can be made but localization to the ovary is rare.

Management

The surgical management should be ovarian cystectomy or wedge resection, preferably with microsurgical techniques.

Grossly, an ovarian pregnancy appears as a ruptured corpus luteum or as a hemorrhagic ovary. Any further surgery should be performed only if bleeding cannot be stopped or if the patient desired permanent sterilization.⁹ The previous practice of removing the ipsilateral fallopian tube for pathologic study to rule out an initial tubal implantation site should be abandoned. ■

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Bone infections caused by staphylococci and/or *Proteus mirabilis*
Genitourinary tract infections, including acute prostatitis, caused by *Escherichia coli*, *P. mirabilis*, and *Klebsiella* sp.

Note:—Culture and susceptibility tests should be initiated prior to and during therapy. Renal function studies should be performed when indicated.
Contraindication: Keflet is contraindicated in patients with known allergy to the cephalosporin group of antibiotics.

Warnings: BEFORE CEPHALOXIN THERAPY IS INSTITUTED, CAREFUL INQUIRY SHOULD BE MADE CONCERNING PREVIOUS HYPERSENSITIVITY REACTIONS TO CEPHALOSPORINS AND PENICILLIN. CEPHALOSPORIN C DERIVATIVES SHOULD BE GIVEN CAUTIOUSLY TO PENICILLIN-SENSITIVE PATIENTS.

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There is some clinical and laboratory evidence of partial cross allergenicity of the penicillins and the cephalosporins. Patients have been reported to have had severe reactions (including anaphylaxis) to both drugs.

Any patient who has demonstrated some form of allergy, particularly to drugs, should receive antibiotics cautiously. No exception should be made with regard to Keflet.

Pseudomembranous colitis has been reported with virtually all broad spectrum antibiotics (including macrolides, semisynthetic penicillins, and cephalosporins); therefore, it is important to consider its diagnosis in patients who develop diarrhea in association with the use of antibiotics. Such colitis may range in severity from mild to life-threatening.

Treatment with broad spectrum antibiotics alters the normal flora of the colon and may permit overgrowth of clostridia. Studies indicate that a toxin produced by *Clostridium difficile* is one primary cause of antibiotic-associated colitis.

Mild cases of pseudomembranous colitis usually respond to drug discontinuance alone. In moderate to severe cases, management should include sigmoidoscopy, appropriate bacteriologic studies, and fluid, electrolyte, and protein supplementation. When the colitis does not improve after the drug has been discontinued, or when it is severe, oral vancomycin is the drug of choice for antibiotic-associated pseudomembranous colitis produced by *C. difficile*. Other causes of colitis should be ruled out.

Usage in Pregnancy:—Safety of this product for use during pregnancy has not been established.

Precautions: **General:**—Patients should be followed carefully so that any side effects or unusual manifestations of drug idiosyncrasy may be detected. If an allergic reaction to Keflet occurs, the drug should be discontinued and the patient treated with the usual agents (eg, epinephrine or other pressor amines, antihistamines, or corticosteroids).

Prolonged use of Keflet may result in the overgrowth of nonsusceptible organisms. Careful observation of the patient is essential. If superinfection occurs during therapy, appropriate measures should be taken.

Positive direct Coombs' tests have been reported during treatment with the cephalosporin antibiotics. In hematologic studies or in transfusion cross matching procedures when antiglobulin tests are performed on the minor side or in Coombs' testing of newborns whose mothers have received cephalosporin antibiotics before parturition, it should be recognized that a positive Coombs' test may be due to the drug.

Keflet should be administered with caution in the presence of markedly impaired renal function. Under such conditions, careful clinical observation and laboratory studies should be made because safe dosage may be lower than that usually recommended.

Indicated surgical procedures should be performed in conjunction with antibiotic therapy.

As a result of administration of Keflet, a false positive reaction for glucose in the urine may occur. This has been observed with Benedict's and Fehling's solutions and also with Clinistix[®] tablets but not with Test-Tape[®] (Glucose Enzymatic Test Strip, USP, Lilly).

Broad spectrum antibiotics should be prescribed with caution in individuals with a history of gastrointestinal disease, particularly colitis.

Usage in Pregnancy—Pregnancy Category B:—The daily oral administration of cephalixin to rats in doses of 250 or 500 mg/kg prior to and during pregnancy, or to rats and mice during the period of organogenesis only, had no adverse effect on fertility, fetal viability, fetal weight, or litter size. Note that the safety of cephalixin during pregnancy in humans has not been established.

Cephalixin showed no enhanced toxicity in weanling and newborn rats as compared with adult animals. Nevertheless, because the studies in humans cannot rule out the possibility of harm, Keflet should be used during pregnancy only if clearly needed.

Nursing Mothers:—The excretion of cephalixin in the milk increased up to 4 hours after a 500-mg dose; the drug reached a maximum level of 4 μ g/mL, then decreased gradually, and had disappeared 8 hours after administration. Caution should be exercised when Keflet is administered to a nursing woman.

Adverse Reactions: **Gastrointestinal:**—Symptoms of pseudomembranous colitis may appear either during or after antibiotic treatment. Nausea and vomiting have been reported rarely. The most frequent side effect has been diarrhea. It was very rarely severe enough to warrant cessation of therapy. Dyspepsia and abdominal pain have also occurred. As with some penicillins and some other cephalosporins, transient hepatitis and cholestatic jaundice have been reported rarely.

Hypersensitivity:—Allergic reactions in the form of rash, urticaria, angioedema, and, rarely, erythema multiforme, Stevens Johnson Syndrome, or toxic epidermal necrolysis have been observed. These reactions usually subsided upon discontinuation of the drug. Anaphylaxis has also been reported.

Other reactions have included genital and anal pruritus, genital moniliasis, vaginitis and vaginal discharge, dizziness, fatigue, and headache. Eosinophilia, neutropenia, thrombocytopenia, and slight elevations in SGOT and SGPT have been reported.

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Epithelial Ovarian Cancer

Prolonged Relapse-Free Survival Following Secondary Cytoreductive Surgery and Intraperitoneal 5-Fluorouracil

Barton R. Paschal, M.D., Charles E. Welander, M.D.

The treatment of epithelial ovarian cancer usually begins with hysterectomy, bilateral salpingo-oophorectomy, omentectomy and technically feasible cytoreductive surgery. Postoperatively, many of these patients are candidates for systemic chemotherapy, administered for the purpose of eradicating any residual disease. When chemotherapy is employed, one can assess its efficacy by performing second-look laparotomy.

The finding of macroscopic disease at the time of second-look laparotomy signals a poor prognosis. Even among those patients who subsequently undergo "optimal" secondary cytoreductive surgery (no postoperative tumor mass greater than 1.5 cm in diameter), the median survival time is only 20 months.¹ We report two patients with epithelial ovarian cancer, both of whom underwent optimal cytoreductive surgery followed by the administration of intraperitoneal (IP) 5-fluorouracil (5-FU). They achieved relapse-free survival times of 35+ and 38+ months.

Patient One

In March 1983, a 58-year-old woman with ascites and a 10 cm left adnexal mass underwent hysterectomy, bilateral salpingo-oophorectomy and omentectomy for stage II poorly differentiated endometrioid carcinoma of the ovary. She received six cycles of intravenous doxorubicin (50 mg/m²) and cisplatin (50 mg/m²) at three-week intervals between April and August 1983. Computerized tomography (CT) scan of the pelvis obtained at the beginning and another obtained just after completion of adjunctive chemotherapy revealed no abnormal masses.

In December 1983, the recurrence of ascites and the appearance of a right pleural effusion prompted the performance of an ultrasonogram of the pelvis and a diagnostic

thoracentesis. The thoracentesis did not reveal malignant cells, but the ultrasonogram disclosed a large pelvic mass. The patient underwent laparotomy in January 1984 at which time a 12x10x8 cm tumor mass wedged between the left wall of the pelvis and the rectosigmoid colon was resected *in toto*. Biopsies from multiple sites within the peritoneal cavity showed no other evidence of disease. Postoperatively, the right pleural effusion resolved spontaneously.

Three months later, the patient underwent insertion of a Tenckhoff catheter to facilitate the administration of IP 5-FU. The regimen used was one gram 5-FU in two liters Inpersol with 1.5% dextrose (Abbott Pharmaceuticals, North Chicago, IL), using a four-hour dwell-time for each of eight consecutive exchanges. Courses of IP 5-FU were administered biweekly. In June 1984, having received three cycles of IP 5-FU, the patient developed severe abdominal pain which persisted for several weeks, necessitating hospitalization and termination of IP therapy. The patient's disease-free survival time has now reached 35+ months.

Patient Two

A 61-year-old woman with lower quadrant abdominal pain and a left pelvic mass (figure 1) underwent resection of a poorly differentiated papillary adenocarcinoma arising from the left ovary in December 1981. Approximately 10% of the original tumor volume, which was adherent to the left pelvic side-wall, was unresectable. The appendix, uterus, right ovary and right fallopian tube were not identified intraoperatively, and it was incorrectly assumed that all of these had been resected previously.

Between December 1981 and May 1982, the patient received eight cycles of intravenous cyclophosphamide (500 mg m²), doxorubicin (30 mg/m²), and cisplatin (50 mg/m²), followed by second-look laparotomy. Two 3 mm nodules on the parietal peritoneum overlying the sacrum were identified and excised, and one contained residual tumor. There was no attempt to dissect the retroperitoneal node-bearing areas.

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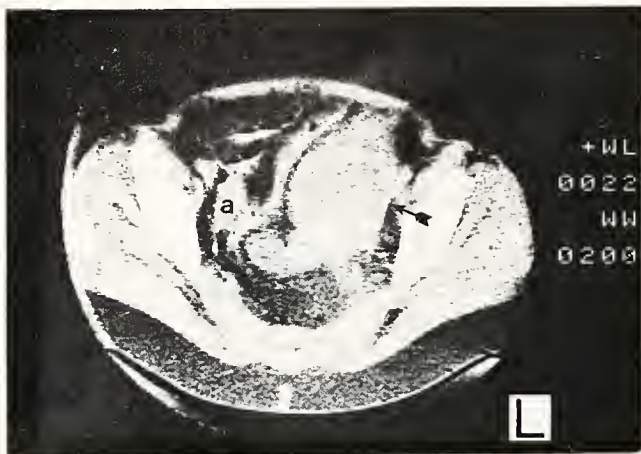


Figure 1. CT scan of the pelvis obtained in 1981 demonstrating a 10 cm left pelvic mass (arrow). In retrospect, the right ovary (a) is discernible.

The patient then received intravenous 5-FU 400 mg/m²/week between June 1982 and January 1983, followed by laparoscopy which disclosed no macroscopic disease. Cytologic examination of the peritoneal fluid, however, revealed malignant cells. Six cycles of IP 5-FU were administered via a Tenckhoff catheter between January and April 1983 using the same treatment protocol as described for Patient One. At the beginning of the fourth cycle, cytologic examination of the peritoneal fluid showed no malignant cells. All treatment was discontinued following the sixth cycle of IP 5-FU.

When the patient noted lower abdominal pain in September 1983, a CT scan was obtained which disclosed a right pelvic mass. Percutaneous needle biopsy of the mass revealed carcinoma. Laparotomy was performed in October 1983 at which time the pelvic tumor, located beneath the peritoneum in the right pelvis, was excised completely. Washings obtained intraoperatively from the peritoneal cavity revealed no malignant cells. The patient has had a relapse-free survival time of 38+ months, and has required no further therapy.

A review of this patient's microfilmed medical records disclosed that she had undergone appendectomy and right salpingectomy in 1942. At the time of abdominal hysterectomy in 1967, both ovaries were identified. Apparently the right ovary was tucked beneath the right pelvic peritoneum during surgical closure of the pelvic peritoneum following hysterectomy. As a result, the right ovary escaped detection by the surgeon who performed the initial and the second ovarian cancer operations. Retrospective review of a CT scan from 1981 shows the right ovary to be present (figure 1).

Discussion

Approximately 60% of patients with advanced ovarian car-

cinoma who are clinically free of tumor and undergo second-look laparotomy will have histopathologic and/or cytologic evidence of residual cancer. Among those patients with residual cancer, two-thirds will have macroscopic disease.^{2,3} The presence of macroscopic tumor at the time of second-look laparotomy indicates a poor prognosis.¹

The lack of consistently effective therapy for patients with residual disease at the time of second-look laparotomy, and the fact that such residual disease is often confined to the peritoneal cavity, have prompted the development of IP chemotherapy. A variety of agents, including 5-FU, have been evaluated for use in this setting.^{4,5} Pharmacokinetic studies demonstrate that when 5-FU is administered directly into the peritoneal cavity, the IP drug concentration exceeds the plasma drug concentration by a factor of 300:1.⁶ The clinical utility of an IP/plasma concentration gradient is illustrated by the second patient's response to IP 5-FU, which followed the failure of intravenous 5-FU to provide any measurable benefit.

An atypical feature of the second patient's management is the fact that unilateral rather than bilateral oophorectomy was performed in 1981, because the presence of the right ovary was not appreciated at that time. The right ovary escaped detection again during second-look laparotomy. Had the patient undergone routine dissection of the retroperitoneal lymph nodes during either of these two operations, the right ovary should have been noted and resected, thereby obviating the need for the third surgery. A more comprehensive review of the patient's previous pelvic operations might also have resulted in recognition at an earlier time that the right ovary was still present.

The fact that the right ovary represented the only site of residual disease at the time of the third laparotomy for ovarian cancer suggests that the right ovary may have served as a "tumor sanctuary" during the administration of chemotherapy. An analogous situation exists in men with metastatic germ cell cancer of the testis who do not undergo ipsilateral orchiectomy prior to attaining a complete response to chemotherapy. In such cases, the ipsilateral testis can become a sanctuary for testicular cancer.⁷

Previous reports concerning the use of IP 5-FU in patients with ovarian cancer are confined to two studies conducted by the National Cancer Institute (NCI).^{8,9} In a phase II study of IP 5-FU performed in 14 patients with refractory ovarian cancer, one patient (who had no tumor mass greater than 2 mm in diameter following second-look laparotomy) achieved a complete response (relapse-free survival, 36+ months).⁸ In the other report, 12 patients with no residual disease at the time of second-look laparotomy were randomly assigned to receive either no further therapy or six cycles of IP 5-FU. Of the six patients who received IP 5-FU, four patients have remained free of disease, attaining relapse-free survival times of 52+ months or longer, while the other two patients who received IP 5-FU have relapsed. In contrast, of the six patients who received no IP 5-FU, only one patient has remained free of recurrent tumor.⁹

In the phase II study of IP 5-FU conducted at the NCI, moderate to severe abdominal pain was observed during or after 30-50% of the treatment cycles.⁸ If IP 5-FU is ever to gain acceptance as a therapeutic tool, the incidence and severity of treatment-related abdominal pain must be reduced. By applying to patients who receive IP 5-FU the same measures that are employed to treat chemotherapy extravasations, one might reduce the degree of peritoneal irritation associated with the use of this drug. For example, the IP administration of dialysate that has not been warmed fully to body temperature might exert an anti-inflammatory effect upon the peritoneum through a mechanism analogous to that which has been observed when cold is applied to the sites of doxorubicin extravasation.¹⁰ The systemic or IP administration of histamine receptor antagonists and/or glucocorticoids might also be explored for use in this setting.

Like 5-FU, cisplatin possesses antitumor activity when administered via the IP route. Indeed, among ovarian cancer patients who have undergone optimal secondary cytoreductive surgery and have residual disease, IP cisplatin affords complete response rates which are superior to those observed following the use of IP 5-FU (33% vs 13%). Since the antitumor activity of IP cisplatin in ovarian cancer surpasses that of IP 5-FU, the clinical utility of IP 5-FU may not lie in its use as a single-agent, but rather in its use (sequentially or concomitantly) with other IP agents.

A direct relationship between tumor size and response to therapy is probably extant for all IP drugs.^{4,8,11} Accordingly, ovarian cancer patients who have small-volume disease either at the time of second-look laparotomy or following debulking surgery represent a target population for whom IP therapy might prove useful. Other potential candidates for this approach to therapy include patients with no tumor at the time of restaging operation who, because of certain clinical characteristics, also have a high risk of developing recurrent disease.^{9,12-15} In regard to the use of IP 5-FU in particular, it is important to bear in mind the fact that, to date, IP 5-FU has yet to effect a complete response in any ovarian cancer patient whose largest residual tumor nodule exceeds 2 mm in diameter.⁸

Our case reports illustrate a number of important points. First of all, it is useful not only to review completely the nature of previous pelvic operations in patients in whom a diagnosis of ovarian cancer is entertained, but also to carry out a thorough exploration of the pelvis whenever surgery for ovarian cancer is performed. Second, the resistance of a given patient's ovarian cancer to intravenous 5-FU does not preclude the possibility of a subsequent response to IP 5-FU. Third, long-term relapse-free survival times are achievable in ovarian cancer patients who have macroscopic disease at the time of second-look operation, assuming that cytoreduction has occurred or will occur to such an extent

that IP agents such as 5-FU can exert a therapeutic effect.

Although the optimal integration of IP chemotherapy into multimodality treatment programs for ovarian cancer will require additional investigation, this novel approach to therapy is already a useful addition to the cancer specialist's therapeutic armamentarium. ■

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Neurological-Otological Treatment of Acoustic Tumors

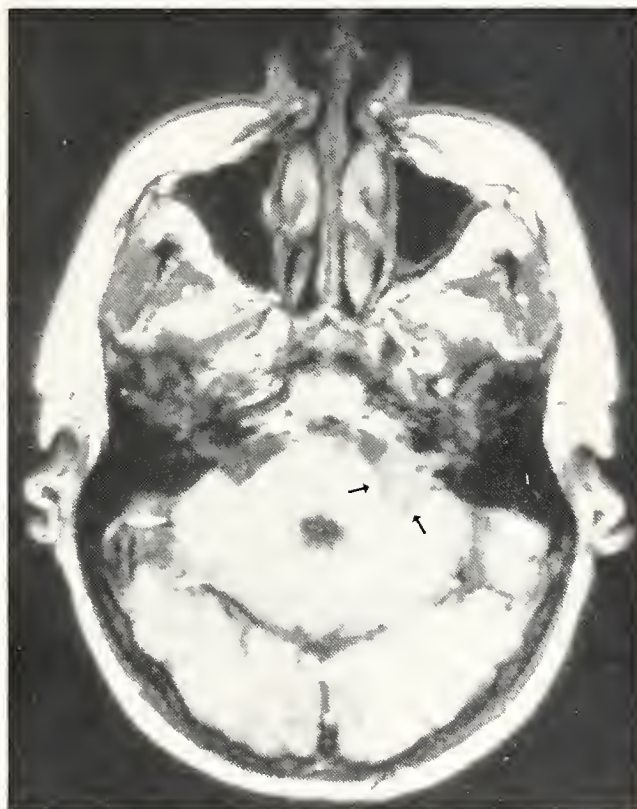
at the Wake Forest University Medical Center

Charles L. Branch, Jr., M.D., B. Hill Britton, M.D.
and David L. Kelly, Jr., M.D.

Cerebellopontine angle tumors account for 5-10% of all primary brain tumors. Of these, 80-90% are acoustic tumors (schwannomas); the remainder are meningiomas and epidermoid tumors (cholesteatomas). Contemporary treatment of these neoplasms is curative surgical resection with attempted preservation of the VIIth (facial) and VIIIth (vestibulocochlear) cranial nerves, and other surrounding neurovascular structures.

Prior to 1917 the operative mortality from these procedures had approached 80%. However, that year, Harvey Cushing, with a subtotal resection and meticulous technique, decreased the mortality to 7.7%.¹ Only eight years later, in 1925, Walter Dandy accomplished curative, or total, removal without a significant increase in mortality. In the 1960s William House, an otologist, and Robert Rand, a neurosurgeon, developed microsurgical approaches for the resection of these tumors that resulted in an even lower morbidity.^{1,2} The microsurgical technique ushered in an era not only of safer curative surgical resection but also of attempted preservation of both the facial nerve and functional hearing.

Development of the air-contrast computed tomographic (CT) scan, the subsequent development of water-soluble contrast agents (metrizamide, iohexol, iopamidol), and the more recent development of magnetic resonance imaging have facilitated early, rapid, and minimally invasive diagnosis of acoustic tumors. The most recent development in the early diagnosis and treatment of these tumors is the use of the neurosurgical-otological team. The skills of the neurosurgeons and the otologists are combined to provide for the complete removal of acoustic tumors with preservation of the anatomy and function of the involved nerves and surrounding tissues. Sophisticated preoperative and intraoperative evaluations of facial and vestibulocochlear nerve



Arrows indicate acoustic tumor.

function have further facilitated attempts at that preservation.

We review the neurosurgical-otological team's experience in the treatment of patients with acoustic tumors at the Wake Forest University Medical Center since the inception of the team in 1984.

From the Sections on Neurosurgery and Otolaryngology, Department of Surgery, Wake Forest University Medical Center, Winston-Salem 27103.

Table 1**Presenting Symptoms in 26 Patients with Acoustic Tumors**

Hearing loss	23
Tinnitus	14
Dizziness	16
Headache	5
Trigeminal nerve palsy	5
Brainstem/cerebellar compression	2
Facial nerve palsy	1
Hydrocephalus	1
Dementia	1

Clinical Material

Between March 26, 1984, and July 1, 1986, 26 patients underwent surgical removal of acoustic tumors as a combined neurosurgical-otological procedure. Their ages ranged from 22 to 72 years (mean, 54 years). They fell equally into categories of male and female, left- and right-sided tumors. Tumor size was determined primarily by preoperative CT scan. Sixteen tumors (62%) were small (less than 2 cm in diameter, and including intracanalicular lesions); eight tumors (31%) were medium in size (greater than 2 cm but less than 4 cm in diameter); and two tumors (7%) were larger than 4 cm in diameter.

The primary presenting symptom was hearing loss (23 patients, 88%), which was classified as mild ($n = 8$), moderate ($n = 9$), or severe ($n = 6$). Dizziness, brainstem dysfunction with a cranial nerve palsy, and brainstem dysfunction with hydrocephalus were the primary signs and symptoms in the remaining patients (table 1).

The diagnostic workup included audiometry with vestibular and/or brainstem-evoked responses in 23 patients (88%), magnetic resonance imaging in eight patients, and CT scanning in all patients. While CT scanning of the posterior fossa with air or with water-soluble contrast has excellent diagnostic capacity of even the small intracanalicular tumor, the refinements of magnetic resonance imaging technology may soon make it the diagnostic study of choice for these tumors.

Results

There was no operative mortality. Other complications were few (20%) and most were easily treated: Cerebrospinal fluid (CSF) leakage that stopped spontaneously ($n = 1$); CSF leakage that required reclosure ($n = 3$); and trigeminal nerve palsy that required transient tarsorrhaphy ($n = 2$).

Twenty-four patients had complete tumor removal; the two patients with tumors much larger than 4 cm in diameter had partial tumor removal.

In all cases, intraoperative facial nerve function was monitored with continuous electromyographic testing and, where appropriate, auditory function was monitored with brainstem auditory-evoked responses.

The facial nerve was preserved anatomically in all pa-

Table 2**Incidence of Preserved Facial Nerve and Auditory Function in Patients with Acoustic Tumors**

Modality	Functional		
	Preop	Intraop	Postop (10 months)
Facial	25	25	22
Auditory	18	9	7

tients, but immediate postoperative facial nerve function did not always correlate with anatomic preservation. In the patient with a facial nerve palsy preoperatively, no change was seen postoperatively. In the 25 patients with intact facial nerve function preoperatively, 12 (48%) had normal facial nerve function, 12 (48%) had a partial palsy, and one (4%) had a complete palsy immediately after operation. These palsies resolved in all but three patients by 10 months (table 2), for a facial nerve function morbidity of 12%.

An attempt to preserve hearing was made in the 18 patients with significant preoperative auditory function. The cochlear nerve was salvageable in nine (50%), and of the nine, seven (39%) had residual hearing postoperatively (table 2).

No recurrence or significant growth of residual tumor has been seen over the 10 to 18 months of followup to date. At six months' followup, 23 patients (88%) had resumed preoperative activity, and three patients remained partially disabled. In only one of the latter three was the result considered poor.

Discussion

Technologic advances, including high-resolution computed tomography with air or water-soluble contrast and magnetic resonance imaging in conjunction with sensitive auditory and vestibular testing, have made possible the relatively noninvasive early diagnosis even of small acoustic tumors. The operating microscope with microinstrumentation, augmented by high-speed drills, ultrasonic aspirator and laser technology, facilitates removal of these tumors and larger cerebellopontine lesions. Advances in neuroanesthesia and intraoperative physiologic monitoring complete the triad of means by which total removal of acoustic tumors is possible with functional preservation of surrounding structures in a large percentage of cases.

An acoustic neurinoma, while its clinical presentation may vary, should be suspected if one (or several) of the following clinical syndromes is encountered: (1) a unilateral progressive hearing loss, often noted first by an inability to understand a person speaking on the telephone; (2) unilateral tinnitus; (3) unexplained, persistent dizziness, unsteadiness, or ataxia; (4) unilateral facial numbness or pain; or (5) progressive facial weakness or twitching. Certainly the patient with one or more of these findings warrants further

evaluation by an otologist, a neurosurgeon, or both to detect or rule out a cerebellopontine angle lesion. High-resolution CT scanning with the infusion of contrast material and with particular emphasis being placed on the internal auditory canal and the cerebellopontine angle is the best first step in evaluating patients with these symptoms.

This report confirms the value of combining the skills of a neurosurgeon and an otologist in the management of patients with acoustic tumors. In our series, there were no operative deaths, 92% of patients had complete tumor resection, and 85% have had an excellent outcome; no tumor recurrences have been seen during the 10 to 18 months of followup to date. While most recent reports indicate preservation of facial function in 65% to 85% of patients,²⁻⁵ 88% of the patients in our series who had had intact facial nerve function before operation maintained that function 10 months after tumor removal. Half of the tumors in these 23 patients had been larger than 2 cm in diameter. Certainly, as these tumors are detected and surgically removed earlier, complete preservation of facial function can be anticipated.

Preservation of functional hearing is also a reality with the contemporary management of these tumors. Jannetta and colleagues⁶ reported functional hearing in 66% of patients with small (less than 2.5 cm in diameter) tumors, while Wade and House⁷ and Ojemann and colleagues⁸ reported postoperative functional hearing in 35% of patients with acoustic tumors of any size. Our ability to preserve some hearing in 39% of patients with preoperative functional hearing and acoustic tumors of any size compares favorably with those results. The size of the tumor may adversely affect the overall outcome, and certainly hearing is more easily preserved if the tumor being removed is small.^{6,8}

In our series, there were no postoperative hematomas, brainstem infarctions or injury, and no deaths, as have been reported in larger series.⁹

Both translabyrinthine and suboccipital transmeatal approaches were used in our series, but we used the latter more often, and we are currently using it exclusively. We

have not found it advantageous to use a combined suboccipital and translabyrinthine approach advocated by others.^{10,11} Intraoperative monitoring of the facial nerve appears to facilitate identification and preservation of this structure. ■

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DESCRIPTION. INDERAL LA is formulated to provide a sustained release of propranolol hydrochloride. INDERAL LA is available as 60 mg, 80 mg, 120 mg, and 160 mg capsules.

CLINICAL PHARMACOLOGY. INDERAL is a nonselective, beta-adrenergic receptor-blocking agent possessing no other autonomic nervous system activity. It specifically competes with beta-adrenergic receptor-stimulating agents for available receptor sites. When access to beta-receptor sites is blocked by INDERAL, the chronotropic, inotropic, and vasodilator responses to beta-adrenergic stimulation are decreased proportionately.

INDERAL LA Capsules (60, 80, 120, and 160 mg) release propranolol HCl at a controlled and predictable rate. Peak blood levels following dosing with INDERAL LA occur at about 6 hours and the apparent plasma half-life is about 10 hours. When measured at steady state over a 24-hour period the areas under the propranolol plasma concentration-time curve (AUCs) for the capsules are approximately 60% to 65% of the AUCs for a comparable divided daily dose of INDERAL Tablets. The lower AUCs for the capsules are due to greater hepatic metabolism of propranolol, resulting from the slower rate of absorption of propranolol. Over a twenty-four (24) hour period, blood levels are fairly constant for about twelve (12) hours then decline exponentially.

INDERAL LA should not be considered a simple mg-for-mg substitute for conventional propranolol and the blood levels achieved do not match (are lower than) those of two to four times daily dosing with the same dose. When changing to INDERAL LA from conventional propranolol, a possible need for retitration upwards should be considered especially to maintain effectiveness at the end of the dosing interval. In most clinical settings, however, such as hypertension or angina where there is little correlation between plasma levels and clinical effect, INDERAL LA has been therapeutically equivalent to the same mg dose of conventional INDERAL, as assessed by 24-hour effects on blood pressure and on 24-hour exercise responses of heart rate, systolic pressure and rate pressure product. INDERAL LA can provide effective beta blockade for a 24-hour period.

INDICATIONS AND USAGE. Hypertension: INDERAL LA is indicated in the management of hypertension; it may be used alone or used in combination with other antihypertensive agents, particularly a thiazide diuretic. INDERAL LA is not indicated in the management of hypertensive emergencies.

Angina Pectoris Due to Coronary Atherosclerosis: INDERAL LA is indicated for the long-term management of patients with angina pectoris.

Migraine: INDERAL LA is indicated for the prophylaxis of common migraine headache. The efficacy of propranolol in the treatment of a migraine attack that has started has not been established and propranolol is not indicated for such use.

Hypertrophic Subaortic Stenosis: INDERAL LA is useful in the management of hypertrophic subaortic stenosis, especially for treatment of exertional or other stress-induced angina, palpitations, and syncope. INDERAL LA also improves exercise performance. The effectiveness of propranolol hydrochloride in this disease appears to be due to a reduction of the elevated outflow pressure gradient which is exacerbated by beta-receptor stimulation. Clinical improvement may be temporary.

CONTRAINDICATIONS. INDERAL is contraindicated in 1) cardiogenic shock, 2) sinus bradycardia and greater than first-degree block, 3) bronchial asthma, 4) congestive heart failure (see WARNINGS) unless the failure is secondary to a tachyarrhythmia treatable with INDERAL.

WARNINGS. CARDIAC FAILURE. Sympathetic stimulation may be a vital component supporting circulatory function in patients with congestive heart failure, and its inhibition by beta blockade may precipitate more severe failure. Although beta blockers should be avoided in overt congestive heart failure, if necessary, they can be used with close follow-up in patients with a history of failure who are well compensated and are receiving digitalis and diuretics. Beta-adrenergic blocking agents do not abolish the inotropic action of digitalis on heart muscle.

IN PATIENTS WITHOUT A HISTORY OF HEART FAILURE, continued use of beta blockers can, in some cases, lead to cardiac failure. Therefore, at the first sign or symptom of heart failure, the patient should be digitized and/or treated with diuretics, and the response observed closely, or INDERAL should be discontinued (gradually, if possible).

IN PATIENTS WITH ANGINA PECTORIS, there have been reports of exacerbation of angina and, in some cases, myocardial infarction, following abrupt discontinuance of INDERAL therapy. Therefore, when discontinuance of INDERAL is planned the dosage should be gradually reduced over at least a few weeks, and the patient should be cautioned against interruption or cessation of therapy without the physician's advice. If INDERAL therapy is interrupted and exacerbation of angina occurs, it is usually advisable to reinstitute INDERAL therapy and take other measures appropriate for the management of unstable angina pectoris. Since coronary artery disease may be unrecognized, it may be prudent to follow the above advice in patients considered at risk of having occult atherosclerotic heart disease who are given propranolol for other indications.

Nonallergic Bronchospasm (eg, chronic bronchitis, emphysema)—PATIENTS WITH BRONCHOSPASTIC DISEASES SHOULD IN GENERAL NOT RECEIVE BETA BLOCKERS. INDERAL should be administered with caution since it may block bronchodilation produced by endogenous and exogenous catecholamine stimulation of beta receptors.

MAJOR SURGERY. The necessity or desirability of withdrawal of beta-blocking therapy prior to major surgery is controversial. It should be noted, however, that the impaired ability of the heart to respond to reflex adrenergic stimuli may augment the risks of general anesthesia and surgical procedures.

INDERAL (propranolol HCl), like other beta blockers, is a competitive inhibitor of beta-receptor agonists and its effects can be reversed by administration of such agents, eg, dobutamine or isoproterenol. However, such patients may be subject to protracted severe hypotension. Difficulty in starting and maintaining the heartbeat has also been reported with beta blockers. **DIABETES AND HYPOGLYCEMIA.** Beta blockers should be used with caution in diabetic patients if a beta-blocking agent is required. Beta blockers may mask tachycardia occurring with hypoglycemia, and other manifestations such as dizziness and sweating may not be significantly affected. Following insulin-induced hypoglycemia, propranolol may cause a delay in the recovery of blood glucose to normal levels.

THYROTOXICOSIS. Beta blockade may mask certain clinical signs of hyperthyroidism. Therefore, abrupt withdrawal of propranolol may be followed by an exacerbation of symptoms of hyperthyroidism, including thyroid storm. Propranolol may change thyroid function tests, increasing T_4 and reverse T_3 and decreasing T_3 .

IN PATIENTS WITH WOLFF-PARKINSON-WHITE SYNDROME, several cases have been reported in which, after propranolol, the tachycardia was replaced by a severe bradycardia requiring a demand pacemaker. In one case, this resulted after an initial dose of 5 mg propranolol.

PRECAUTIONS. GENERAL. Propranolol should be used with caution in patients with impaired hepatic or renal function. INDERAL (propranolol HCl) is not indicated for the treatment of hypertensive emergencies.

Beta-adrenoreceptor blockade can cause reduction of intraocular pressure. Patients should

be told that INDERAL may interfere with the glaucoma screening test. Withdrawal may lead to a return of increased intraocular pressure.

CLINICAL LABORATORY TESTS. Elevated blood urea levels in patients with severe heart disease, elevated serum transaminase, alkaline phosphatase, lactate dehydrogenase.

DRUG INTERACTIONS. Patients receiving catecholamine-depleting drugs such as reserpine should be closely observed if INDERAL is administered. The added catecholamine-blocking action may produce an excessive reduction of resting sympathetic nervous activity which may result in hypotension, marked bradycardia, vertigo, syncope attacks, or orthostatic hypotension.

Caution should be exercised when patients receiving a beta blocker are administered a calcium-channel-blocking drug, especially intravenous verapamil, for both agents may depress myocardial contractility or atrioventricular conduction. On rare occasions, the concomitant intravenous use of a beta blocker and verapamil has resulted in serious adverse reactions, especially in patients with severe cardiomyopathy, congestive heart failure or recent myocardial infarction.

Aluminum hydroxide gel greatly reduces intestinal absorption of propranolol.

Ethanol slows the rate of absorption of propranolol.

Phenyltol, phenobarbital, and rilampin accelerate propranolol clearance.

Chlorpromazine, when used concomitantly with propranolol, results in increased plasma levels of both drugs.

Antipyrine and lidocaine have reduced clearance when used concomitantly with propranolol.

Thyroxine may result in a lower than expected T_3 concentration when used concomitantly with propranolol.

Cimetidine decreases the hepatic metabolism of propranolol, delaying elimination and increasing blood levels.

Theophylline clearance is reduced when used concomitantly with propranolol.

CARCINOGENESIS, MUTAGENESIS, IMPAIRMENT OF FERTILITY. Long-term studies in animals have been conducted to evaluate toxic effects and carcinogenic potential. In 18-month studies in both rats and mice, employing doses up to 150 mg/kg/day, there was no evidence of significant drug-induced toxicity. There were no drug-related tumorigenic effects at any of the dosage levels. Reproductive studies in animals did not show any impairment of fertility that was attributable to the drug.

PREGNANCY. Pregnancy Category C. INDERAL has been shown to be embryotoxic in animal studies at doses about 10 times greater than the maximum recommended human dose.

There are no adequate and well-controlled studies in pregnant women. INDERAL should be used during pregnancy only if the potential benefit justifies the potential risk to the fetus.

NURSING MOTHERS. INDERAL is excreted in human milk. Caution should be exercised when INDERAL (propranolol HCl) is administered to a nursing woman.

PEDIATRIC USE. Safety and effectiveness in children have not been established.

ADVERSE REACTIONS. Most adverse effects have been mild and transient and have rarely required the withdrawal of therapy.

Cardiovascular. Bradycardia, congestive heart failure, intensification of AV block, hypotension, paresthesia of hands, thrombocytopenic purpura, arterial insufficiency, usually of the Raynaud type.

Central Nervous System. Light-headedness, mental depression manifested by insomnia, lassitude, weakness, fatigue, reversible mental depression progressing to cataplexy, visual disturbances, hallucinations, vivid dreams, an acute reversible syndrome characterized by disorientation for time and place, short-term memory loss, emotional lability, slightly clouded sensorium, and decreased performance on neuropsychometric tests. For immediate formulations, fatigue, lethargy, and vivid dreams appear dose-related.

Gastrointestinal. Nausea, vomiting, epigastric distress, abdominal cramping, diarrhea, constipation, mesenteric arterial thrombosis, ischemic colitis.

Allergic. Pharyngitis and agranulocytosis, erythematous rash, fever combined with aching and sore throat, laryngospasm and respiratory distress.

Respiratory. Bronchospasm.

Hematologic. Agranulocytosis, nonthrombocytopenic purpura, thrombocytopenic purpura.

Auto-Immune. In extremely rare instances, systemic lupus erythematosus has been reported.

Miscellaneous. Alopecia, LE-like reactions, psoriasis-like rashes, dry eyes, male impotence, and Peyronie's disease have been reported rarely. Oculomucocutaneous reactions involving the skin, serous membranes and conjunctivae reported for a beta blocker (propranolol) have not been associated with propranolol.

DOSEAGE AND ADMINISTRATION. INDERAL LA provides propranolol hydrochloride in a sustained-release capsule for administration once daily. If patients are switched from INDERAL Tablets to INDERAL LA Capsules, care should be taken to assure that the desired therapeutic effect is maintained. INDERAL LA should not be considered a simple mg-for-mg substitute for INDERAL. INDERAL LA has different kinetics and produces lower blood levels. Retitration may be necessary, especially to maintain effectiveness at the end of the 24-hour dosing interval.

HYPERTENSION.—Dosage must be individualized. The usual initial dosage is 80 mg INDERAL LA once daily, whether used alone or added to a diuretic. The dosage may be increased to 120 mg once daily or higher until adequate blood-pressure control is achieved. The usual maintenance dosage is 120 to 160 mg once daily. In some instances a dosage of 640 mg may be required. The time needed for full hypertensive response to a given dosage is variable and may range from a few days to several weeks.

ANGINA PECTORIS.—Dosage must be individualized. Starting with 80 mg INDERAL LA once daily, dosage should be gradually increased at three- to seven-day intervals until optimal response is obtained. Although individual patients may respond at any dosage level, the average optimal dosage appears to be 160 mg once daily. In angina pectoris, the value and safety of dosage exceeding 320 mg per day have not been established.

If treatment is to be discontinued, reduce dosage gradually over a period of a few weeks (see WARNINGS).

MIGRAINE.—Dosage must be individualized. The initial oral dose is 80 mg INDERAL LA once daily. The usual effective dose range is 160-240 mg once daily. The dosage may be increased gradually to achieve optimal migraine prophylaxis. If a satisfactory response is not obtained within four to six weeks after reaching the maximal dose, INDERAL LA therapy should be discontinued. It may be advisable to withdraw the drug gradually over a period of several weeks.

HYPERTROPHIC SUBAORTIC STENOSIS.—80-160 mg INDERAL LA once daily.

PEDIATRIC DOSAGE.—At this time the data on the use of the drug in this age group are too limited to permit adequate directions for use.

*The appearance of these capsules is a registered trademark of Ayerst Laboratories.

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A Bright Sun Obscures the Stars

W. Blair Brooks, M.D.

Problems with the pursuit of one diagnosis at a time.

Evaluation of chest pain can be expensive, time consuming, and involve significant risk. Patients with chest pain fear coronary artery disease; physicians evaluating these patients are afraid of missing this diagnosis. This combination of fears and the increasing public demand for technologically advanced diagnostic tests leads to a workup of chest pain limited to "ruling out heart disease." Only after the "cardiac workup" is completed are other potential diagnoses or contributing factors (esophageal, musculoskeletal, psychological) explored. Postponing the evaluation of noncardiac diagnoses results in unnecessary invasive testing.

Almy¹ has emphasized that too often internists explore psychosocial etiologies as a retreat after a specific organic disease has been "completely ruled out." He recommends evaluating these areas concurrently. I learned this lesson (again) in a patient I saw recently. The true etiology of the patient's chest pain was revealed only after an extensive and expensive cardiac workup was negative.

The patient's intense fear of coronary artery disease and her knowledge of the symptoms of angina affected the manner in which she presented her symptoms and the way in which I interpreted them. Our fear of missing coronary artery disease was clearly fueled by abnormal tests which further served to focus our energy on excluding heart disease. Had I been successful in hearing historical clues that suggested a noncardiac cause of the chest pain, treatment and resolution of the symptoms might have occurred earlier, and the invasive testing might have been avoided.

Case Report

A 45-year-old premenopausal woman came to Duke Medical Center for evaluation of a six-month history of substernal chest pain. The pain had occurred once a month since its onset and would last up to several hours. These

painful episodes were followed by two to three days of chest tightness and soreness.

She described the dull pain during the three most severe episodes as "like an elephant sitting on my chest." The pain radiated down her left arm and was associated with nausea, diaphoresis, palpitations, and two syncopal episodes. She stated, "These pains are just like my brother's heart attack pain." What I did not realize at the time was that she was extrapolating from her brother's pain. Even at her first visit to Duke, she was convinced that her pain represented coronary artery disease and her descriptions of the symptoms reflected this concern.

There were aspects of her history that should have compelled me to aggressively pursue noncardiac causes of the pain. The severe episodes had occurred on the golf course (later I discovered that the episodes always happened after she had swung a golf club) and while answering the telephone at work. They were not related to exertion; brisk walking, her most demanding exercise, never brought on the pain. On several occasions she had gone to an emergency room during episodes of chest pain and her electrocardiograms showed no acute ischemic changes. She had been placed on propranolol and sublingual nitroglycerin; the latter promptly improved the pain but she was left with a residual soreness.

Although her history was suggestive of angina, it also had histrionic features; in addition to the chest pain, she complained of many other somatic symptoms including chronic nausea, bilateral hand numbness, alternating constipation and diarrhea, and intermittent lightheadedness. This myriad of symptoms certainly didn't exclude the presence of coronary artery disease but should have heightened my awareness of possible contributing personality factors.

On reflection, I see reasons why I was diverted onto the cardiac tangent.² She did have impressive cardiac risk factors including hypertension (blood pressure 150/100), a positive family history (her father and two brothers had suffered myocardial infarctions in their early forties), obesity (150% ideal body weight), borderline hypercholesterolemia (250 mg/dl), and a 10 pack year smoking history. Although her

From Division of General Internal Medicine, Duke University Medical Center, Durham 27710.

physical examination was completely normal, her resting ECG was abnormal with deep QS waves in V1 and V2, suggestive of an old anteroapical myocardial infarction.

After the initial evaluation, I embarked on a workup to rule out heart disease even though my intuition was that her pain was not angina. I felt compelled to explain the abnormal ECG and to reassure myself about the cardiac risk factors before further understanding her histrionic personality style and the nonexertional nature of the pain. As we proceeded, the patient and I lost sight of the alternative noncardiac diagnoses. Even in retrospect, I do not think I could have avoided pursuing the cardiac workup at this point; however, simultaneous evaluation of non-cardiac causes would have been useful. Had I been able to maintain the diagnostic evaluation at more than one level, the alternative diagnoses and possible treatments could have become clear earlier.

Lisansky and Shochet emphasize the importance of developing a "comprehensive" diagnosis that involves both the medical problem and the psychosocial context of the illness.³ The importance of the psychosocial context of this patient's symptoms became more evident to me after the cardiac workup was completed. At the time, however, I did not stop to reassess; we plunged ahead.

The Cardiac Workup

The workup began with a treadmill exercise test which I felt would be helpful in confirming or dispelling the diagnosis of angina. In order to assess better the potential usefulness of the stress test, I used Pryor et al's estimates of the likelihood of coronary artery disease.⁴ These estimates are based on the clinical assessment of the type of pain (typical angina, atypical angina, or nonangina), cardiac risk factors, and ECG evidence of prior myocardial damage. The calculated probability of coronary artery disease in patients similar to my 45-year-old woman with "atypical angina" and an abnormal ECG is 56%. Had I decided that the pain was nonanginal, the pretest probability of heart disease would have been 32%.

How would the outcome of the stress test affect the probability estimates of coronary artery disease in this patient? A positive stress test (2-2.5 mm ST depression) would increase the likelihood of having significant disease from 56% to 74%; a negative stress test (no ST depression) would decrease the likelihood to 18%.

On the other hand, had I decided that the patient's pain was nonanginal, the utility of the stress test would have been affected significantly: a positive test would only increase the probability of coronary artery disease from 32% to 54% while a negative test would decrease the probability from 32% to 12%. Had I been firmly convinced that the chest pain was nonanginal, the stress test would not have had the potential to be as helpful and I would have had to depend less on diagnostic testing and more on historical details. I was less wise then.

The patient underwent the stress test and achieved a max-

imum heart rate of 150. The test was terminated because of fatigue during stage III of the Bruce protocol. There was 2 mm ST segment depression in leads II, III, AVF, and V5; these results were considered "positive," giving the patient a 74% probability of significant coronary artery disease. Because of the positive stress test, the patient's age, and her family history, a cardiologist recommended cardiac catheterization. The patient underwent this procedure and was found to have normal coronary arteries, normal left ventricular function, and a negative ergonovine provocative test for coronary artery spasm.

Subsequent workup for a GI source of the pain (esophageal manometry and upper endoscopy) was unrevealing.

Pursuing Noncardiac Diagnoses

Now the patient and I were "forced" to look for alternative explanations of the chest pain. Before the cardiac catheterization, the focus had been on the possible relationship between exertion and pain. We went back over the history and the patient described two episodes of pain that began when she was sitting at her desk and reaching out in front of her to lift some books off a shelf. The episodes began with the sudden onset of what she called "crushing" substernal chest pain followed by sweating, nausea, and near-syncope. Co-workers who observed the patient during her pain noted a slow pulse rate suggestive of a vagal episode. This description of the pain was far more detailed than before and suggested that reaching brought on the pain. Now that both the patient and I were unbiased by the fear of coronary artery disease, a far different interpretation of the symptoms had emerged.

I saw her shortly after an episode of chest pain and for the first time (three months after the initial visit) she had tender costochondral junctions. I prescribed Motrin and her pain improved. Over the next six months she continued to have occasional episodes of chest pain brought on when she reached over her head to lift even light objects. She is no longer taking nitroglycerin and is not as frightened by the pain. She has improved her level of activity and, although initially reluctant to accept a noncardiac cause of her chest pain, she now exhibits significantly less concern about her cardiac status.

Her pain on the golf course and in the work place was precipitated by acute costochondritis. The pain in turn precipitated a vasovagal reaction which caused her angina-like symptoms. Her positive family history sensitized her to the possibility of cardiac disease, and when she developed chest pain, the underlying anxiety about heart disease resulted in the vasovagal response.

Discussion

What is remarkable about this case history is that nearly all the evidence for this explanation for her pain was available

to me at the patient's initial visit. Nevertheless, it is understandable that the abnormal test results provoked our pursuit of the cardiac evaluation. I continue to relearn that patients and physicians often collude by entertaining only one diagnostic possibility at a time. It is difficult not to fall into this trap. Simultaneous evaluation of several diagnostic possibilities is a skill that needs to be cultivated and nurtured constantly. The patient benefits from this multidimensional approach by earlier diagnosis and treatment and sometimes by avoidance of the risk, discomfort and expense of unnecessary testing.

There is perhaps a larger point. Although the patient and I agreed upon a mechanism for the pain that made sense to both of us, it is unlikely that this explanation represents the whole. "truth." The chest pain is but one of a constellation of symptoms I will certainly encounter in this patient in the future. To attribute her pain to a simple mechanism (and to believe in this explanation) is to fall into the same trap that led to the cardiac testing. I now better appreciate the phys-

ical, psychological and historical factors that contribute to the patient's symptoms, but this is the beginning rather than the end of my investigation. Arriving at this mutually acceptable mechanism for the pain only *allows* me the opportunity to progress toward a better understanding of the underlying factors that contribute to her symptoms. The complexity of her symptoms is just now unfolding. ■

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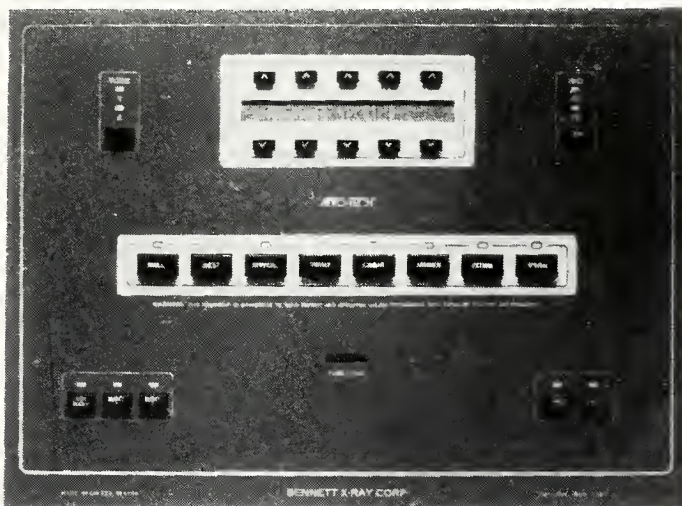
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Addiction

New Versions of an Old Problem

Theodore R. Clark, M.D.

I got into the alcohol treatment field as a scared child watering my dad's Scotch so he wouldn't get drunk and fight with my mother. Early on, I decided to be a psychiatrist in order to solve all of the family problems that I thought caused the drinking.

In my turn, I started "partying" and ended up in psychotherapy for a severe drinking problem. The therapy wouldn't work and I started self-medicating with tranquilizers and sleeping pills to avoid being an alcoholic. As a result, I wound up being addicted to drugs and alcohol simultaneously and, after several unsuccessful psychiatric hospitalizations, I bottomed out in a state hospital violent ward, tied down hand and foot with convulsions and DTs.

After that, I abandoned traditional psychiatric approaches of the time and sought help in a self-help group that featured abstinence in conjunction with massive emotional and spiritual support. This worked so well for me that I embarked on an odyssey of building treatment programs around these principles.

I have noted an explosion of the Minnesota Model Treatment Center around the country. North Carolina is no exception; at least ten formal 28-day treatment programs have sprung up in the last decade since alcoholism was decriminalized, and focus has been on recovery from a disease often genetic in predisposition.

I have had a unique opportunity to see alcoholism redefined by the American Medical Association as a disease and to see folk medicine (Alcoholics Anonymous and Narcotics Anonymous) transformed into a state-of-the-art group therapy in the 1970s and 1980s. I have observed major emphasis being placed on better understanding and treatment of family members, spouses and children as well. Adult Children of Alcoholics (ACOA), self-help groups and formal therapy programs are developing for this special form of dysfunctional family.

The drinking or drugging, which may have been stimulated by peer pressure, availability, or present or past stressors, for some people takes on a "life of its own" and propels the person into the downward spiral of addiction.

This inevitably leads to lack of control and recurrent guilt around compromised value systems. The addict becomes less and less the person he wanted to be, becomes defensive, full of alibis and broken promises, and finally starts to isolate in order to avoid the disappointment that shows in the eyes of the people who matter most.

"Geographical cures," broken homes, progressive self-centered bitterness lead to increased sense of loneliness, depression, anxiety, distortion, loss of social skills. Suicide, or the "fractional suicide" associated with continued drug or alcohol use at this stage of the disease, is often the outcome.

All of this is the same as it was twenty years ago, or for that matter, fifty years ago when I started watering drinks. What is new is the epidemic use of drugs (especially cocaine) along with the alcohol. It used to be that the majority of alcoholics could keep up a semblance of normality and stay work-compensated until their late 30s or even longer in some cases. Nowadays, people are routinely addicted to a variety of drugs, and alcohol may only be a second or third choice.

With polyaddiction, or with cocaine being the predominant drug, the downhill slide may take only four years. When cocaine is inhaled directly into the lungs as freebase or as the new inexpensive smokeable "crack," it has the same effect as when taken intravenously. The concentration in the brain reaches a very high peak and the patient immediately wants more to avoid the "crashing phenomenon" when the drug wears off. This leads to a rapid decompensation to the point where hospitalization may occur within the first year due to complete debilitation.

We are now seeing teenagers "wiped out" by cocaine and other street drugs. They show up in the treatment center needing extensive rehabilitation. Most of these adolescents have a strong familial history of alcoholism.

An unforgettable case would be a 19-year-old with multiple arrests for selling "crack" to support his own habit. This included, at times, giving samples to other youngsters, which is often the way children are initiated into cocaine use. The patient had hepatitis, severe Valium and heroin withdrawal on top of a cocaine psychosis and had a strong suicidal urge. It was weeks before the patient stopped drug

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seeking and was mentally clear enough to participate in group therapy.

The solutions are for the most part the same. That is, the safe detox from the alcohol or drug concerned. This may include clonidine for narcotics or sometimes tricyclic antidepressants to restore the neurotransmitter levels depleted by cocaine. This is followed by group and one-to-one counseling in support groups with other people recovering from similar problems. Various educational programs are designed to break through the denial and reinforce the abstinence model, providing hope and acceptance. In this open and assuring system, depression is replaced with hope, par-

anoia gives way to trust and the ability to share with others. Social skills are either relearned or learned for the first time, in the case of adolescents, and the group as a whole can recover from fear and isolation, delusion and despair, despite the fact that not one member in that group could do it on his own.

"Together we could do what none of us could do alone." This provides a heightened spiritual feeling amongst members of the group which often translates into a sense of "God could do for us what we could not do for ourselves."

An old problem, a new problem, an old wisdom with a new application. ■

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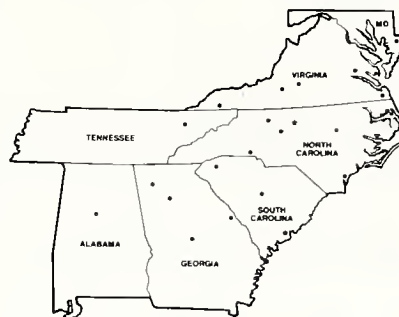
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The "Crack" in the Emergency Room Door

Daniel G. Sayers, M.D.

In the beginning, Yvonne was just an abstraction on the Emergency Department radio to me. I took the call one afternoon last summer.

"We have a woman in her 30s," the EMT in the field reported. "She's conscious, combative and needs restraints."

On the upper level of a Victorian style house, she had injected herself with crack, the most potent form of cocaine.

When I examined Yvonne, she responded to stimuli only slightly. Pain would cause a withdrawal movement that was incomplete but identifiable. Her irises were thin rims around widely dilated pupils that reacted sluggishly to light. Her breathing was deep and rapid. Barely present at her wrists was a rapid, shallow pulse.

The results of her lab work painted a grim picture. The ECG showed that her heart was severely compromised. Also grim were the numbers that showed moderate kidney failure and liver dysfunction. We were faced with multiple organ failure, changes in mental status and poisoning from crack.

Modern medicine offered me few weapons with which to fight Yvonne's problem. I felt helpless and frustrated. We did what we could, but it made no difference in her immediate condition. Within 36 hours of injecting herself, she could no longer breathe without a respirator and her prognosis was grave. Three days later, in the intensive care unit, she died.

Yvonne had been careful with her injection. Her husband told me that the two of them had never used crack before, and that they had little idea of how easy it was to overdose. They had used cocaine several times with no side effects, and they had gradually increased their use of the drug. To them, the world seemed a happier, more exciting place when they used cocaine. It couldn't harm them, they thought, because they were so young and healthy.

Yvonne never had a chance to understand what hit her. She never stood outside herself to see the decline from abuse to addiction to death. Her plight resembled that of the trauma patient who is in a coma from the moment of impact. Her chances of survival, however, were considerably worse.

I found it disconcerting and distressing to deal with the inevitable death of a productive person who abused herself. Yvonne found drugs more fun than reality. Her death reminded me that drug abuse is a disease of our society. Realizing that was bitter medicine. ■

From Section on Emergency Medicine, Department of Surgery, Bowman Gray School of Medicine, Winston-Salem 27103.

Letters to the Editor

On Dr. Crist's editorial

To the Editor:

It was with great understanding and empathy, as a mental health professional, that I read the editorial in the November issue of the *Medical Journal*, *Sobering Thoughts* (Crist et al, 1986;47:511), and the various letters to the editor in response (1987;48:45-7).

In point, the Crist article did lean to an extreme in language and, perhaps, imprudence in statements but, nonetheless, the article speaks factually as a matter of basic truth so far as the Roman Church is concerned. Their influence and direct involvement in efforts to thwart any program of "planned family" are well known. For the good doctors that took exception, I observe that, typically, exception has been taken at words, phrases or a sentence or two. That should not be the issue. One must consider the total overall message of the subject discussed and not the mere words, per se, expressing them.

I would seek to calm their disquiet by the following summation of historical and theological facts. They, then, might consider that a different "response" would be more in keeping with reality.

Space and time constraints here do not permit — nor is it appropriate — a dissertation in philosophy, theology or marital ethics. Let it suffice to say that there is no valid premise in Natural Theology, Scripture nor Divine Revelation to support, much less justify, the Church's position on birth control. Infrequently, reference is made to Scripture (GN. 37:7-10) but even their Biblical experts cannot agree. (That is why there is no "infallible doctrine" on this point.) On their traditional mind-set about sex as a "shameful act," a position to which history alone gives irrefutable testimony (Re: *De actis Impudicitiiis*), there is no argument. Current posture directly flows from that ancient "negative."

A major article by me addressing recent Vatican pronouncements in this regard is being, or will be, printed in leading publications (news) from Bangor (ME) to Raleigh, entitled "In Defense of Birth Control."

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In appreciation of Dr. Falletta's article

To the Editor:

Dr. John M. Falletta's timely article (1987;48:41-3) on physicians as science writers raises several issues worth further discussion.

Since the only reason we write is to be read, we must learn and use the techniques that will clarify our writing.

The problems correctly identified by Dr. Falletta as causing weak medical writing — such as the overuse of passive voice, impersonal pronouns, and jargon — are not unique to the profession. They are universal characteristics of ineffective writing that show up in many substantive fields of science, technology, and business. There is nothing inherently more difficult about medical communication than in any other field.

In many instances, physicians learn to write in the obscure and stilted style by imitating the established model. That is, they actually try to write poorly in what they perceive to be the "medical style." Ironically, medical style manuals ask writers to use the clear, concise language that's characterized by active voice, well-defined terminology, helpful comparisons, concrete descriptions, and appropriate examples.

Several fears and misconceptions underlie the profession's reluctance to fully utilize medical/technical writers:

Researchers are afraid that the writer will translate a detailed report of difficult work into simple language, which will be equated with simple thinking. But plain language combined into easy-to-read sentences is descriptively powerful prose. It is writing that communicates complex and abstract ideas more clearly than a stilted, rambling, jargon-filled style.

Physicians are afraid of putting people and action into their descriptive accounts. This unreasonable and inexplicable taboo has caused more bad scientific writing than any other stylistic stricture. Writing in the impersonal passive voice is a hoax to create the impression that objective research happens on its own and that the facts speak for themselves. With the shattering of this taboo, writers are able to use I and WE to convey the obvious truth that people do the research and communicate their findings to other people.

Many experts believe that their in-depth knowledge relieves them of the responsibility of focusing on good writing technique. They assume that their expertise will come through despite any writing deficiencies. But brilliant ideas communicated unclearly are perceived by colleagues simply as unclear ideas.

Although physicians commonly refer their patients to qualified medical specialists, they seem hesitant to refer their writing to a qualified specialist. Perhaps they are reluctant to admit that a great medical mind is not necessarily a great communications mind. Or, like some other professionals, perhaps many physicians have yet to realize that writing is indeed a significant communications specialty.

How to use your medical writer:

Insist on having a medical or technical writer placed at your disposal. Then, insist on full participation and utilization of those writers as part of the team of specialists.

Get the maximum benefit out of the medical writers by bringing these specialists into the project at the start of the composition process. Researchers and administrators should demand a full role on the team for the medical writer. Limited quality results come from imposing a limited scope/role on the writer.

The medical writer's positive contribution will naturally be limited when his role is restricted to final draft brush-up or re-write of the article. At this stage, the weaknesses of organization, style, clarity and construction are so endemic that the press of meeting the deadline prevents any more than symptomatic treatment.

Finally, don't sell the medical writer short. Nobody is better qualified to present clear and precise descriptions of a project, either completed or in progress. That is his specialty. The process of explaining the subject to the writer can be a useful step in organizing the researcher's understanding of the material for presentation.

The demand for medical and scientific writers has led to the development of the technical writing emphasis within the English master's degree program at East Carolina University. Technical writing specializations are also available to undergraduates at both ECU and NCSU. Contacts with medical and scientific writing specialists can be made through local chapters of the Society for Technical Communication (STC). Carolina chapter: STC, c/o Dr. Carol Pollard, Department of English, North Carolina State University, Raleigh 27695-8105; East Carolina University student chapter: STC, c/o Dr. Jo Allen, Department of English, East Carolina University, Greenville 27858-4353.

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"Sicker and quicker"

To the Editor:

A significant emerging problem facing all physicians today is concerned with the limitations placed on patient care as a result of increasing economic pressures. "Sicker and quicker discharges" are apparently increasing and will inevitably fuel patient complaints and suits. Costs and services are easy to monitor and control but actual quality patient care is difficult to measure accurately. It is essential that physicians avoid inappropriate medical decisions under the pressures of cost containment.

In the past internal peer review procedures emphasized quality care. Presently many external reviews appear to make cost a major concern. As a result medical necessity is now often in conflict with economic efficiency.

In *Wickline v. State* (Cal. Rptr. 661, 1986) a post-op patient developed complications which in the professional opinion of her attending physician required an additional eight days of hospital care. The state sponsored review organization approved only four added days and the attending physician complied. The patient later developed an infection and had her leg amputated. A jury initially awarded the patient \$500,000. This was later overturned on the grounds that the law did not permit a state program to be held liable under such circumstances. In this instance it appears to us that the efforts of the state to contain costs interfered with medical treatment but was not held accountable. This case is presently on appeal.

This case may ultimately raise questions of liability for physicians. Utilization review companies, providers, and even employers may ultimately be held liable for patient injuries in similar circumstances.

Perhaps overlooked in the PRO review process which is primarily concerned with appropriateness and the cost-effectiveness of medical care (that is both quality assurance and utilization review) is the fact that a denial letter forwarded to a beneficiary can be used by a disgruntled patient as notice that they may have grounds for a potential lawsuit.

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A comment on Dr. Cuttino's and Drs. Koufman and Thomason's articles

To the Editor:

The first two articles in the June 1987 issue of the *Journal* (NCMJ 48:303-4 and 307-9) contain inaccuracies in their first sentences. Both Dr. Cuttino in his article on breast imaging techniques and Drs. Koufman and Thomason in their article on laser therapy of bronchogenic carcinoma state that breast cancer is the leading cause of cancer death in women. Until recently, this was true. However, lung cancer has surpassed breast cancer as the leading cause of cancer death in women and it remains the leading cause of cancer death in men. (CA 1987;37:2) This increased death rate has followed by several years the increased incidence of smoking by women.

Physicians in the state of North Carolina should understand this impact of tobacco abuse since our state is a leading producer of this carcinogen.

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July 27-31

10th Annual Radiology Postgraduate Course

Place: Atlantic Beach

Credit: 20 hours Category I AMA

Info: Cynthia C. Easterling, M.Ed., Office of CME, Box 3108 DUMC, Durham 27710. 919/684-6878 or 684-6485; outside NC 800/222-9984

August 14-16

Family Physicians Weekend

Place: Wrightsville Beach, NC

Credit: 12 hours AAFP

Info: Paula Baker, Meeting Coordinator, North Carolina Academy of Family Physicians, P.O. Box 18469, Raleigh 27619. 919/781-6467

August 22-23

Urology — State of the Art

Place: Winston-Salem

Fee: \$200

Info: CME Coordinator, Dept. of CME, AMA, 535 N. Dearborn St., Chicago IL, 60610. 312/645-4952

September 2

Diet, Lifestyle, and Bone Health in Women

Place: Chapel Hill

Info: Pam Duncan, UNC-CH School of Public Health, Office of Continuing Education, Miller Hall 028H, Chapel Hill 27514. 919/966-4032

September 2-3

International Guest Conference on Mood Disorders: 6th Annual Summer Conference

Place: Asheville

Credit: 10 hours Category I AMA

Info: Cindi Easterling, Office of CME, Box 3108, DUMC Durham 27710. 919/684-6878

September 21

Diagnostic Ultrasound: Physics

Place: Winston-Salem

Credit: 7 hours Category I AMA

Info: Registrar, Ultrasound Center, Bowman Gray School of Medicine, 300 S. Hawthorne Rd. Winston-Salem 27103. 919/748-4505

September 22-25

Diagnostic Ultrasound: Obstetrics
Place: Winston-Salem
Credit: 7 hours Category 1 AMA per day
Info: Registrar, Ultrasound Center, Bowman Gray School of Medicine,
300 S. Hawthorne Rd. Winston-Salem 27103. 919/748-4505

September 25-26

Topics in Geriatrics
Place: Winston-Salem
Fee: \$100
Info: CME List Coordinator, Div. of CME, AMA, 535 N. Dearborn
St., Chicago, IL 60610. 312/645-4952

September 25-26

Advanced Cardiac Life Support Provider Course
Place: Asheville
Credit: 16 hours Category 1 AMA, ACEP, AAFP
Fee: \$200
Info: Daniel L. Dolan, M.D. MAHEC, 501 Biltmore Ave., Asheville
28801-4686. 704/257-4468

September 28-October 2

Diagnostic Ultrasound: General
Place: Winston-Salem
Credit: 7 hours Category 1 AMA per day
Info: Registrar, Ultrasound Center, Bowman Gray School of Medicine,
300 S. Hawthorne Rd. Winston-Salem 27103. 919/748-4505

October 4-6

Fifth Symposium on Breast Disease
Place: Winston-Salem
Fee: \$365
Info: CME List Coordinator, Div. of CME, AMA, 535 N. Dearborn
St., Chicago, IL 60610. 312/645-4952

October 12-16

Diagnostic Ultrasound: Neurosonology
Place: Winston-Salem
Credit: 7 hours Category 1 AMA per day
Info: Registrar, Ultrasound Center, Bowman Gray School of Medicine,
300 S. Hawthorne Rd. Winston-Salem 27103. 919/748-4505

October 14-18

NCAFP Annual Scientific Assembly
Place: Asheville
Credit: 18 hours AAFP
Info: Paula Baker, Meeting Coordinator, North Carolina Academy of
Family Physicians, P.O. Box 18469, Raleigh 27619. 919/781-
6467

October 18-19

Endoscopy and Esophageal Strictures
Place: Research Triangle Park
Credit: 10 hours Category 1 AMA
Info: Dr. Peter B. Cotton, 919/684-3341

October 19-21

Diagnostic Ultrasound: Arterial & Venous Doppler
Place: Winston-Salem
Credit: 7 hours Category 1 AMA per day
Info: Registrar, Ultrasound Center, Bowman Gray School of Medicine,
300 S. Hawthorne Rd. Winston-Salem 27103. 919/748-4505

October 22-23

Diagnostic Ultrasound: Urology
Place: Winston-Salem
Credit: 7 hours Category 1 AMA per day
Info: Registrar, Ultrasound Center, Bowman Gray School of Medicine,
300 S. Hawthorne Rd. Winston-Salem 27103. 919/748-4505

October 26-30

Diagnostic Ultrasound: Echocardiography
Place: Winston-Salem
Credit: 7 hours Category 1 AMA per day
Info: Registrar, Ultrasound Center, Bowman Gray School of Medicine,
300 S. Hawthorne Rd. Winston-Salem 27103. 919/748-4505

October 30-31

Advances in NonSurgical Therapy of Biliary Calculi
Place: Winston-Salem
Info: CME List Coordinator, Div. of CME, AMA, 535 N. Dearborn
St., Chicago, IL 60610. 312/645-4952

AUTHORS

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Caution patients about the combined effects of Limbitrol with alcohol or other CNS depressants and about activities requiring complete mental alertness, such as operating machinery or driving a car. In general, limit dosage to the lowest effective amount in elderly patients.

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Each tablet contains 5 mg chlordiazepoxide and 12.5 mg amitriptyline (as the hydrochloride salt) (IV)

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Each tablet contains 10 mg chlordiazepoxide and 25 mg amitriptyline (as the hydrochloride salt) (IV)

References: 1. Feighner JP, et al: *Psychopharmacology* 61:217-225, Mar 22, 1979. 2. Data on file, Hoffmann-La Roche Inc., Nutley, NJ.

Limbitrol[®] (IV)

Tranquilizer—Antidepressant

Before prescribing, please consult complete product information, a summary of which follows:

Indications: Relief of moderate to severe depression associated with moderate to severe anxiety.

Contraindications: Known hypersensitivity to benzodiazepines or tricyclic antidepressants. Do not use with monoamine oxidase (MAO) inhibitors or within 14 days following discontinuation of MAO inhibitors since hyperpyretic crises, severe convulsions and deaths have occurred with concomitant use; then initiate cautiously, gradually increasing dosage until optimal response is achieved. Contraindicated during acute recovery phase following myocardial infarction.

Warnings: Use with great care in patients with history of urinary retention or angle-closure glaucoma. Severe constipation may occur in patients taking tricyclic antidepressants and anticholinergic-type drugs. Closely supervise cardiovascular patients. (Arrhythmias, sinus tachycardia and prolongation of conduction time reported with use of tricyclic antidepressants, especially high doses. Myocardial infarction and stroke reported with use of this class of drugs.) Caution patients about possible combined effects with alcohol and other CNS depressants and against hazardous occupations requiring complete mental alertness (e.g., operating machinery, driving).

Usage in Pregnancy: Use of minor tranquilizers during the first trimester should almost always be avoided because of increased risk of congenital malformations as suggested in several studies. Consider possibility of pregnancy when instituting therapy; advise patients to discuss therapy if they intend to or do become pregnant.

Since physical and psychological dependence to chlordiazepoxide have been reported rarely, use caution in administering Limbitrol to addiction-prone individuals or those who might increase dosage; withdrawal symptoms following discontinuation of either component alone have been reported: nausea, headache and malaise for amitriptyline, symptoms [including convulsions] similar to those of barbiturate withdrawal for chlordiazepoxide.

Precautions: Use with caution in patients with a history of seizures, in hyperthyroid patients or those in thyroid medication, and in patients with impaired renal or hepatic function. Because of the possibility of suicide in depressed patients, do not permit easy access to large quantities in these patients. Periodic liver function tests and blood counts are recommended during prolonged treatment. Amitriptyline component may block action of guanethidine or similar antihypertensives. When tricyclic antidepressants are used concomitantly with cimetidine (Tagamet), clinically significant effects have been reported involving delayed elimination and increasing steady state concentrations of the tricyclic drugs. Concomitant use of Limbitrol with other psychotropic drugs has not been evaluated, sedative effects may be additive. Discontinue several days before surgery. Limit concomitant administration of ECT to essential treatment. See Warnings for precautions about pregnancy. Limbitrol should not be taken during the nursing period. Not recommended in children under 12. In the elderly and debilitated, limit to smallest effective dosage to preclude ataxia, oversedation, confusion or anticholinergic effects.

Adverse Reactions: Most frequently reported are those associated with either component alone: drowsiness, dry mouth, constipation, blurred vision, dizziness and bloating. Less frequently occurring

reactions include vivid dreams, impotence, tremor, confusion and nasal congestion. Many depressive symptoms including anorexia, fatigue, weakness, restlessness and lethargy have been reported as side effects of both Limbitrol and amitriptyline. Granulocytopenia, jaundice and hepatic dysfunction have been observed rarely.

The following list includes adverse reactions not reported with Limbitrol but requiring consideration because they have been reported with one or both components or closely related drugs:

Cardiovascular: Hypotension, hypertension, tachycardia, palpitations, myocardial infarction, arrhythmias, heart block, stroke.

Psychiatric: Euphoria, apprehension, poor concentration, delusions, hallucinations, hypomania and increased or decreased libido.

Neurologic: Incoordination, ataxia, numbness, tingling and paresthesias of the extremities, extrapyramidal symptoms, syncope, changes in EEG patterns.

Anticholinergic: Disturbance of accommodation, paralytic ileus, urinary retention, dilatation of urinary tract.

Allergic: Skin rash, urticaria, photosensitization, edema of face and tongue, pruritus.

Hematologic: Bone marrow depression including agranulocytosis, eosinophilia, purpura, thrombocytopenia.

Gastrointestinal: Nausea, epigastric distress, vomiting, anorexia, stomatitis, peculiar taste, diarrhea, black tongue.

Endocrine: Testicular swelling and gynecomastia in the male, breast enlargement, galactorrhea and minor menstrual irregularities in the female, elevation and lowering of blood sugar levels, and syndrome of inappropriate ADH (antidiuretic hormone) secretion.

Other: Headache, weight gain or loss, increased perspiration, urinary frequency, mydriasis, jaundice, alopecia, parotid swelling.

Overdosage: Immediately hospitalize patient suspected of having taken an overdose. Treatment is symptomatic and supportive. I.V. administration of 1 to 3 mg physostigmine salicylate has been reported to reverse the symptoms of amitriptyline poisoning. See complete product information for manifestation and treatment.

Dosage: Individualize according to symptom severity and patient response. Reduce to smallest effective dosage when satisfactory response is obtained. Larger portion of daily dose may be taken at bedtime. Single h.s. dose may suffice for some patients. Lower dosages are recommended for the elderly. Limbitrol DS (double strength) Tablets, initial dosage of three or four tablets daily in divided doses, increased up to six tablets or decreased to two tablets daily as required. Limbitrol Tablets, initial dosage of three or four tablets daily in divided doses, for patients who do not tolerate higher doses.

How Supplied: Double strength (DS) Tablets, white, film-coated, each containing 10 mg chlordiazepoxide and 25 mg amitriptyline (as the hydrochloride salt), and Tablets, blue, film-coated, each containing 5 mg chlordiazepoxide and 12.5 mg amitriptyline (as the hydrochloride salt). Available in bottles of 100 and 500, Tel-E-Dose® packages of 100, Prescription Paks of 50.

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Each tablet contains 10 mg clordiazepoxide and 25 mg amitriptyline (as the hydrochloride salt) 

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1987-1988

NORTH CAROLINA

Medical Journal

VOLUME 48, NUMBER 8

AUGUST, 1987

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BRIEF SUMMARY (FOR FULL PRESCRIBING INFORMATION SEE PACKAGE CIRCULAR)

INDERAL® LA brand of propranolol hydrochloride (Long Acting Capsules)

DESCRIPTION. INDERAL LA is formulated to provide a sustained release of propranolol hydrochloride. INDERAL LA is available as 60 mg, 80 mg, 120 mg, and 160 mg capsules.

CLINICAL PHARMACOLOGY. INDERAL is a nonselective, beta-adrenergic receptor-blocking agent possessing no other autonomic nervous system activity. It specifically competes with beta-adrenergic receptor-stimulating agents for available receptor sites. When access to beta-receptor sites is blocked by INDERAL, the chronotropic, inotropic, and vasodilator responses to beta-adrenergic stimulation are decreased proportionately.

INDERAL LA Capsules (60, 80, 120, and 160 mg) release propranolol HCl at a controlled and predictable rate. Peak blood levels following dosing with INDERAL LA occur at about 6 hours and the apparent plasma half-life is about 10 hours. When measured at steady state over a 24-hour period the areas under the propranolol plasma concentration-time curve (AUCs) for the capsules are approximately 60% to 65% of the AUCs for a comparable divided daily dose of INDERAL Tablets. The lower AUCs for the capsules are due to greater hepatic metabolism of propranolol, resulting from the slower rate of absorption of propranolol. Over a twenty-four (24) hour period, blood levels are fairly constant for about twelve (12) hours then decline exponentially.

INDERAL LA should not be considered a simple mg-for-mg substitute for conventional propranolol and the blood levels achieved do not match (are lower than) those of two to four times daily dosing with the same dose. When changing to INDERAL LA from conventional propranolol, a possible need for retitration upwards should be considered especially to maintain effectiveness at the end of the dosing interval. In most clinical settings however, such as hypertension or angina where there is little correlation between plasma levels and clinical effect, INDERAL LA has been therapeutically equivalent to the same mg dose of conventional INDERAL as assessed by 24-hour effects on blood pressure and on 24-hour exercise responses of heart rate, systolic pressure and rate pressure product. INDERAL LA can provide effective beta blockade for a 24-hour period.

INDICATIONS AND USAGE. Hypertension: INDERAL LA is indicated in the management of hypertension; it may be used alone or used in combination with other antihypertensive agents, particularly a thiazide diuretic. INDERAL LA is not indicated in the management of hypertensive emergencies.

Angina Pectoris Due to Coronary Atherosclerosis: INDERAL LA is indicated for the long-term management of patients with angina pectoris.

Migraine: INDERAL LA is indicated for the prophylaxis of common migraine headache. The efficacy of propranolol in the treatment of a migraine attack that has started has not been established and propranolol is not indicated for such use.

Hypertrophic Subaortic Stenosis: INDERAL LA is useful in the management of hypertrophic subaortic stenosis, especially for treatment of exertional or other stress-induced angina, palpitations, and syncope. INDERAL LA also improves exercise performance. The effectiveness of propranolol hydrochloride in this disease appears to be due to a reduction of the elevated outflow pressure gradient which is exacerbated by beta-receptor stimulation. Clinical improvement may be temporary.

CONTRAINDICATIONS. INDERAL is contraindicated in 1) cardiogenic shock; 2) sinus bradycardia and greater than first-degree block; 3) bronchial asthma; 4) congestive heart failure (see WARNINGS) unless the failure is secondary to a tachyarrhythmia treatable with INDERAL.

WARNINGS. CARDIAC FAILURE. Sympathetic stimulation may be a vital component supporting circulatory function in patients with congestive heart failure, and its inhibition by beta blockade may precipitate more severe failure. Although beta blockers should be avoided in overt congestive heart failure, if necessary, they can be used with close follow-up in patients with a history of failure who are well compensated and are receiving digitalis and diuretics. Beta-adrenergic blocking agents do not abolish the inotropic action of digitalis on heart muscle.

IN PATIENTS WITHOUT A HISTORY OF HEART FAILURE, continued use of beta blockers can, in some cases, lead to cardiac failure. Therefore, at the first sign or symptom of heart failure, the patient should be digitalized and/or treated with diuretics, and the response observed closely, or INDERAL should be discontinued (gradually, if possible).

IN PATIENTS WITH ANGINA PECTORIS, there have been reports of exacerbation of angina and, in some cases, myocardial infarction, following abrupt discontinuance of INDERAL therapy. Therefore, when discontinuance of INDERAL is planned, the dosage should be gradually reduced over at least a few weeks, and the patient should be cautioned against interruption or cessation of therapy without the physician's advice. If INDERAL therapy is interrupted and exacerbation of angina occurs, it usually is advisable to reinstitute INDERAL therapy and take other measures appropriate for the management of unstable angina pectoris. Since coronary artery disease may be unrecognized, it may be prudent to follow the above advice in patients considered at risk of having occult atherosclerotic heart disease who are given propranolol for other indications.

Nonallergic Bronchospasm (eg, chronic bronchitis, emphysema) — PATIENTS WITH BRONCHOSPASTIC DISEASES SHOULD IN GENERAL NOT RECEIVE BETA BLOCKERS. INDERAL should be administered with caution since it may block bronchodilation produced by endogenous and exogenous catecholamine stimulation of beta receptors.

MAJOR SURGERY. The necessity or desirability of withdrawal of beta-blocking therapy prior to major surgery is controversial. It should be noted, however, that the impaired ability of the heart to respond to reflex adrenergic stimuli may augment the risks of general anesthesia and surgical procedures.

INDERAL (propranolol HCl), like other beta blockers, is a competitive inhibitor of beta-receptor agonists and its effects can be reversed by administration of such agents, eg, dobutamine or isoproterenol. However, such patients may be subject to protracted severe hypotension. Difficulty in starting and maintaining the heartbeat has also been reported with beta blockers.

DIABETES AND HYPOGLYCEMIA. Beta blockers should be used with caution in diabetic patients if a beta-blocking agent is required. Beta blockers may mask tachycardia occurring with hypoglycemia, but other manifestations such as dizziness and sweating may not be significantly affected. Following insulin-induced hypoglycemia, propranolol may cause a delay in the recovery of blood glucose to normal levels.

THYROTOXICOSIS. Beta blockade may mask certain clinical signs of hyperthyroidism. Therefore, abrupt withdrawal of propranolol may be followed by an exacerbation of symptoms of hyperthyroidism, including thyroid storm. Propranolol may change thyroid function tests, increasing T_4 and reverse T_3 and decreasing T_3 .

IN PATIENTS WITH WOLFF-PARKINSON-WHITE SYNDROME, several cases have been reported in which, after propranolol, the tachycardia was replaced by a severe bradycardia requiring a demand pacemaker. In one case, this resulted after an initial dose of 5 mg propranolol.

PRECAUTIONS. GENERAL: Propranolol should be used with caution in patients with impaired hepatic or renal function. INDERAL (propranolol HCl) is not indicated for the treatment of hypertensive emergencies.

Beta-adrenoreceptor blockade can cause reduction of intraocular pressure. Patients should

be told that INDERAL may interfere with the glaucoma screening test. Withdrawal may lead to a return of increased intraocular pressure.

CLINICAL LABORATORY TESTS. Elevated blood urea levels in patients with severe heart disease, elevated serum transaminase, alkaline phosphatase, lactate dehydrogenase.

DRUG INTERACTIONS. Patients receiving catecholamine-depleting drugs such as reserpine should be closely observed if INDERAL is administered. The added catecholamine-blocking action may produce an excessive reduction of resting sympathetic nervous activity which may result in hypotension, marked bradycardia, vertigo, syncope, attacks, or orthostatic hypotension.

Caution should be exercised when patients receiving a beta blocker are administered a calcium-channel-blocking drug, especially intravenous verapamil, for both agents may depress myocardial contractility or atrioventricular conduction. On rare occasions, the concomitant intravenous use of a beta blocker and verapamil has resulted in serious adverse reactions, especially in patients with severe cardiomyopathy, congestive heart failure or recent myocardial infarction.

Aluminum hydroxide gel greatly reduces intestinal absorption of propranolol.

Ethanol slows the rate of absorption of propranolol.

Phenylton, phenobarbital, and rilampin accelerate propranolol clearance.

Chlorpromazine, when used concomitantly with propranolol, results in increased plasma levels of both drugs.

Antipyrine and lidocaine have reduced clearance when used concomitantly with propranolol.

Thyroxine may result in a lower than expected T_3 concentration when used concomitantly with propranolol.

Cimetidine decreases the hepatic metabolism of propranolol, delaying elimination and increasing blood levels.

Theophylline clearance is reduced when used concomitantly with propranolol.

CARCINOGENESIS, MUTAGENESIS, IMPAIRMENT OF FERTILITY. Long-term studies in animals have been conducted to evaluate toxic effects and carcinogenic potential. In 18-month studies in both rats and mice, employing doses up to 150 mg/kg/day, there was no evidence of significant drug-induced toxicity. There were no drug-related tumorigenic effects at any of the dosage levels. Reproductive studies in animals did not show any impairment of fertility that was attributable to the drug.

PREGNANCY. Pregnancy Category C. INDERAL has been shown to be embryotoxic in animal studies at doses about 10 times greater than the maximum recommended human dose.

There are no adequate and well-controlled studies in pregnant women. INDERAL should be used during pregnancy only if the potential benefit justifies the potential risk to the fetus.

NURSING MOTHERS. INDERAL is excreted in human milk. Caution should be exercised when INDERAL (propranolol HCl) is administered to a nursing woman.

PEDIATRIC USE. Safety and effectiveness in children have not been established.

ADVERSE REACTIONS. Most adverse effects have been mild and transient and have rarely required the withdrawal of therapy.

Cardiovascular. Bradycardia, congestive heart failure, intensification of AV block, hypotension; paresthesia of hands, thrombocytopenic purpura, arterial insufficiency, usually of the Raynaud type.

Central Nervous System. Light-headedness; mental depression manifested by insomnia, lassitude, weakness, fatigue; reversible mental depression progressing to cataplexy, visual disturbances, hallucinations, vivid dreams, an acute reversible syndrome characterized by disorientation for time and place, short-term memory loss, emotional lability, slightly clouded sensorium, and decreased performance on neuropsychometrics. For immediate formulations, fatigue, lethargy and vivid dreams appear dose related.

Gastrointestinal. Nausea, vomiting, epigastric distress, abdominal cramping, diarrhea, constipation, mesenteric arterial thrombosis, ischemic colitis.

Allergic. Pharyngitis and agranulocytosis, erythematous rash, fever combined with aching and sore throat, laryngospasm and respiratory distress.

Respiratory. Bronchospasm.

Hematologic. Agranulocytosis, nonthrombocytopenic purpura, thrombocytopenic purpura.

Auto-Immune. In extremely rare instances, systemic lupus erythematosus has been reported.

Miscellaneous. Alopecia, LE-like reactions, psoriasisiform rashes, dry eyes, male impotence, and Peyronie's disease have been reported rarely. Oculocutaneous reactions involving the skin, serous membranes and conjunctivae reported for a beta blocker (practolol) have not been associated with propranolol.

DOSAGE AND ADMINISTRATION. INDERAL LA provides propranolol hydrochloride in a sustained-release capsule for administration once daily. If patients are switched from INDERAL Tablets to INDERAL LA Capsules, care should be taken to assure that the desired therapeutic effect is maintained. INDERAL LA should not be considered a simple mg-for-mg substitute for INDERAL. INDERAL LA has different kinetics and produces lower blood levels. Retitration may be necessary, especially to maintain effectiveness at the end of the 24-hour dosing interval.

HYPERTENSION — Dosage must be individualized. The usual initial dosage is 80 mg INDERAL LA once daily, whether used alone or added to a diuretic. The dosage may be increased to 120 mg once daily or higher until adequate blood-pressure control is achieved. The usual maintenance dosage is 120 to 160 mg once daily. In some instances a dosage of 640 mg may be required. The time needed for full hypertensive response to a given dosage is variable and may range from a few days to several weeks.

ANGINA PECTORIS — Dosage must be individualized. Starting with 80 mg INDERAL LA once daily, dosage should be gradually increased at three- to seven-day intervals until optimal response is obtained. Although individual patients may respond at any dosage level, the average optimal dosage appears to be 160 mg once daily. In angina pectoris, the value and safety of dosage exceeding 320 mg per day have not been established.

If treatment is to be discontinued, reduce dosage gradually over a period of a few weeks (see WARNINGS).

MIGRAINE — Dosage must be individualized. The initial oral dose is 80 mg INDERAL LA once daily. The usual effective dose range is 160-240 mg once daily. The dosage may be increased gradually to achieve optimal migraine prophylaxis. If a satisfactory response is not obtained within four to six weeks after reaching the maximal dose, INDERAL LA therapy should be discontinued. It may be advisable to withdraw the drug gradually over a period of several weeks.

HYPERTROPHIC SUBAORTIC STENOSIS — 80-160 mg INDERAL LA once daily. **PEDIATRIC DOSAGE —** At this time the data on the use of the drug in this age group are too limited to permit adequate directions for use.

*The appearance of these capsules is a registered trademark of Ayerst Laboratories.

REFERENCES:

1. INDERAL LA National Compliance Evaluation Program. Data on file, Ayerst Laboratories.
2. Ravid M, Lang R, Jutrin I: The relative antihypertensive potency of propranolol, oxprenolol, atenolol, and metoprolol given once daily. *Arch Intern Med* 1985; 145:1321-1323.

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Alphabetical Listings and Roster by Counties

Roster information correct according to North Carolina Medical Society records on membership on June 30, 1987.

The roster information of the members of the State Medical Society contained in this publication may not be used as a general mailing list without specific authority from the State Society.

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Reactions Common to Both Products. Contraindications: These products are contraindicated in those individuals who have shown hypersensitivity to any of the components, and in herpes simplex, vaccinia and varicella. **Warnings:** As with other antibiotic preparations, prolonged treatment may result in overgrowth of nonsusceptible organisms and fungi. If the infection is not improved after one week, cultures and susceptibility tests should be repeated to verify the identity of the organism and to determine whether therapy should be changed. When using neomycin-containing products to control secondary infection in the chronic dermatoses, such as chronic otitis externa, it should be borne in mind that the skin in these conditions is more liable than is normal skin to become sensitized to many substances, including neomycin. The manifestation of sensitization to neomycin is usually a low grade reddening with swelling, dry scaling and itching; it may be manifest simply as a failure to heal. During long-term use of neomycin-containing products, periodic examination for such signs is advisable and the patient should be told to discontinue the product if they are observed. These symptoms regress quickly on withdrawing the medication. Neomycin-containing applications should be avoided for that patient thereafter. **Precautions:** If sensitization or irritation occurs, medication should be discontinued promptly. Patients who prefer to warm the medication before using should be cautioned against heating the solution above body temperature, in order to avoid loss of potency. Treatment should not be continued for longer than ten days. Allergic cross-reactions may occur which could prevent the use of any or all the following antibiotics for the treatment of future infections: kanamycin, paromomycin, streptomycin, and possibly gentamicin. **Adverse Reactions:** Neomycin is a not uncommon cutaneous sensitizer. There are articles in the current literature that indicate an increase in the prevalence of persons sensitive to neomycin.

*Caution: If perforation of the eardrum exists, specify Cortisporin Otic Suspension (this drug should be used with care in cases of perforated eardrum).

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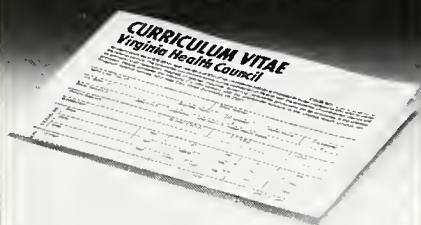
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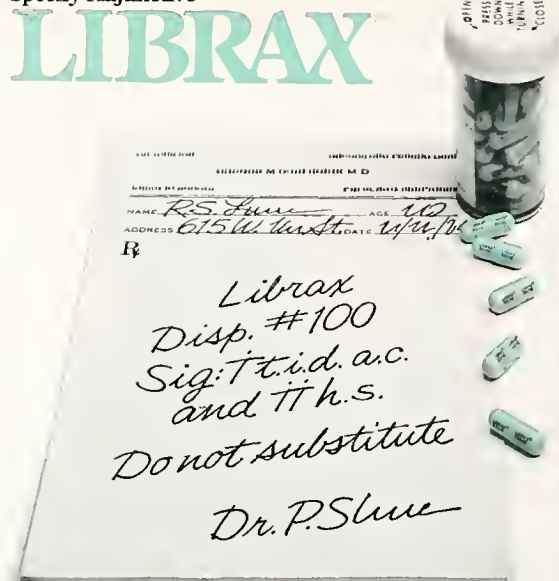
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At the center of this care are the fine physicians on the Active Medical Staff of Saint Albans Hospital. Their concern is reflected in the treatment given each and every patient. Through specialized programs for adolescents, senior adults, those with chemical dependencies and those with eating disorders, our physicians work to restore their patients to full recovery.

When you have a patient in need of psychiatric help, call one of our doctors, knowing your patient will receive the best care possible.

 **Saint Albans
Psychiatric Hospital**

P.O. Box 3608 Radford, Virginia 24143

In Virginia: 1-800-572-3120

Outside Virginia: 1-800-368-3468

Virginia's only private, full-service, not-for-profit psychiatric hospital.

Committee and Commission Appointments 1987-1988

NOTE: The committees listed herein have been authorized by President Henry J. Carr, Jr., M.D., and/or as required under the Constitution and Bylaws and the Procedure and Policy Manual. Particular note should be taken of the authorization of the HOUSE OF DELEGATES of a commission form of organization activity and that all committees, excepting MEDIATION COMMITTEE, NOMINATING COMMITTEE, COUNCIL ON REVIEW & DEVELOPMENT, COORDINATING COUNCIL OF SPECIALTY SOCIETIES, are segregated under the respective commission in which the function of the committee logically rests. This will tend to eliminate overlapping and duplication in activity programs and result in coordination of the work of the Society in a manner to lessen the work of the Delegates during the Annual Meeting of the HOUSE OF DELEGATES.

Superior figures (e.g. 21) indicate the component county society from which the member emanates, as in the membership list of the ROSTER.)

I. ADMINISTRATION COMMISSION

F. Maxton Mauney, Jr., M.D., **Commissioner** (704-258-1121)
257 McDowell Street, Asheville 28803

III. ANNUAL CONVENTION COMMISSION

Edwin W. Monroe, M.D. **Commissioner** (919-551-4606)
ECU School of Medicine, Greenville, N.C. 27834

	<i>Committee Listing</i>		<i>Committee Listing</i>
Audit Committee (I-1) William R. Hudson, M.D., Chairman (919-684-3834) Duke Medical Center, Durham 27710	No. 3	1. Aging Committee (III-1) James S. Parsons, M.D. Chairman (919-832-5125) 704 W. Jones, St. Raleigh 27603	No. 1
Finance Committee (I-2) Thomas F. O'Brien, M.D., Chairman (919-551-4652) ECU School of Medicine, Greenville 27834	No. 18	2. Arrangements Committee (III-2) Edna Hoffman, M.D., Chairman (919-485-4755) 348 Valley Road, Fayetteville 28305	No. 2
Goals & Objectives Committee (I-3) Jack Hughes, M.D., Chairman (919-286-1297) 923 Broad St., Durham 27705	No. 19	3. Auxiliary Advisory Committee (III-3) Charles L. Nance, M.D., Chairman (919-763-7344) 2001 S. 17th St., Wilmington 28401	No. 4
Membership Committee (I-4) Kenneth E. Cosgrove, M.D., Chairman (704-692-2231) 510 7th Ave., W., Hendersonville 28739	No. 30	4. Constitution & Bylaws Committee (III-4) Howard E. Strawcutter, M.D., Chairman (919-738-6441) 101 W. 27th St., Lumberton 28358	No. 10
Membership Services & Benefits Committee (I-5) T. Reginald Harris, M.D., Chairman (704-482-1482) 808 Schenck St., Shelby 28150	No. 31	5. Credentials Committee (of Delegates to House of Delegates) (III-5) Louis R. Wilkerson, M.D., Chairman (919-832-5529) 100 S. Boylan Ave., Raleigh 27603	No. 14
Procedures & Policies Committee (I-6) Josephine E. Newell, M.D., Chairman (919-733-7613) Raleigh Towne, Apt. 47, 525 Wade Ave., Raleigh 27605	No. 37	6. Medical Education Committee (III-6) Preston A. Walker, M.D., Chairman (919-733-5130) Dorothea Dix Hospital, Taylor Hall, Raleigh 27611	No. 28
Professional Insurance Company (I-7) Julius A. Green, Jr., M.D., Chairman (919-787-8221) P.O. Box 19366, Raleigh 27609	No. 38		

II. ADVISORY AND STUDY COMMISSION

Lawrence M. Cutchin, M.D., **Commissioner** (919-823-1607)
Rt. 3, Box 325, Tarboro 27886

IV. PROFESSIONAL SERVICE COMMISSION

Eugene S. Mayer, M.D., **Commissioner** (919-966-2461)
UNC, Wing C, 221-H, Box 3, Chapel Hill 27514

	<i>Committee Listing</i>		<i>Committee Listing</i>
Bioethics Committee (II-1) George C. Barrett, M.D., Chairman (704-371-4056) 958 Cherokee Rd., Charlotte 28207	No. 5	1. Children's Special Health Services Advisory Committee (IV-1) Angus M. McBryde, Jr., M.D., Chairman (704-372-0743) 1012 Kings Dr., Ste. 101, Charlotte 28283	No. 8
Cancer Committee (II-2) M. Robert Cooper, M.D., Chairman (919-748-4300) 300 S. Hawthorne Rd., Winston-Salem 27103	No. 6	2. Health Insurance Companies & Plans Committee (IV-2) James C. Gaither, M.D., Chairman (704-322-1128) 660 Milton Road, Newton 28658	No. 22
Cost Management of Medical Care Committee (II-3) Deborah S. Lenahan, M.D., Chairman (704-243-2436) 2 Hospital Dr., Lexington 27292	No. 12	3. Dept. of Human Resources Liaison Committee (IV-3) John L. McCain, M.D., Chairman (919-291-7001) Wilson Clinic, Wilson 27893	No. 23
Health Care Professionals Liaison Committee (II-4) John L. McCain, M.D., Chairman (919-291-7001) Wilson Clinic, Wilson 27893	No. 21	4. N. C. Industrial Commission Liaison Committee (IV-4) Thomas E. Castelle, M.D., Chairman (919-781-5600) P.O. Box 10707, Raleigh 27605	No. 34
Traffic Safety Committee (II-5) George Johnson, Jr., M.D., Chairman (919-966-3391) UNC, Dept. of Surgery, 229-H, Chapel Hill 27514	No. 41	5. Practice Pattern Variation Committee (IV-5) William W. Fore, M.D., Chairman (919-551-2571) ECU School of Medicine, Greenville 27858	No. 36

6. Professional Review Organizations Liaison Committee (IV-6)

J. Dewey Dorsett, Jr., M.D., **Chairman** (704-333-4175)
1851 E. Third St., Charlotte 28204

No. 39

7. Rehabilitation Medicine Committee (IV-7)

Angus M. McBryde, Jr., M.D., **Chairman** (704-372-0743)
1012 Kings Dr., Ste. 101, Charlotte 28283

No. 40

V. PUBLIC AFFAIRS COMMISSION

Elizabeth P. Kanof, M.D., **Commissioner** (919-878-0310)
3400 Executive Drive, Raleigh 27609

*Committee Listing***1. Communications Committee (V-1)**

Charles L. Garrett, Jr., M.D., **Chairman** (919-353-3498)
Onslow Memorial Hospital, Jacksonville 28540

No. 9

2. Disaster & Emergency Medical Care Committee (V-2)

Joseph A. Moylan, M.D., **Chairman** (919-684-2237)
Duke Medical Center, Box 3947, Durham 27710

No. 15

3. Eye Care & Eye Bank Committee (V-3)

Edward M. Hedgpeth, Jr., M.D., **Chairman** (919-682-9341)
1110 W. Main St., Durham 27701

No. 17

4. Legislation Committee (V-4)

H. David Bruton, M.D., **Chairman** (919-692-2444)
195 W. Illinois Ave., Southern Pines 28387

No. 24

5. Medical Aspects of Sports Committee (V-5)

Frank W. Clippinger, Jr., M.D., **Chairman** (919-684-4229)
Duke Medical Center, Box 3935, Durham 27710

No. 27

6. Medical-Legal Committee (V-6)

Joseph M. Jenkins, M.D., **Chairman** (919-946-0136)
604 E. 12th St., Washington 27889

No. 29

VI. PUBLIC SERVICE COMMISSION

Thad B. Wester, M.D., **Commissioner** (919-733-3446)
1001-101 BRIGHTHURST DR., Raleigh 27601

*Committee Listing***1. Child Health Committee (VI-1)**

Charles K. Scott, M.D., **Chairman** (919-228-8316)
530 W. Webb Ave., Burlington 27215

No. 7

2. Drug Abuse & Pharmacy Committee (VI-2)

Ronald B. Mack, M.D., **Chairman** (919-727-8108)
2516 Woodberry Dr., Winston-Salem 27106

No. 16

3. Maternal Health Committee (VI-3)

Robert G. Brame, M.D., **Chairman** (919-551-4983)
1729 Forest Hill Dr., Greenville 27858

No. 25

4. Mental Health Committee (VI-4)

Nicholas E. Stratas, M.D., **Chairman** (919-787-7125)
3900 Browning Pl., Ste. 201, Raleigh 27609

No. 32

5. Physicians' Health & Effectiveness Committee (VI-5)

Theodore R. Clark, M.D., **Chairman** (919-692-6471)
P.O. Box 56, Southern Pines 28387

No. 35

COMMITTEES NOT ASSIGNED TO A COMMISSION**COUNCIL ON REVIEW & DEVELOPMENT**

Thomas B. Dameron, Jr., M.D., **Chairman** (919-781-5600)
P.O. Box 10707, Raleigh 27605

COORDINATING COUNCIL OF SPECIALTY SOCIETIES

Bertram W. Coffer, M.D., **Chairman** (919-781-7420)
P.O. Box 18139, Raleigh 27619

MEDIATION COMMITTEE

Marshall S. Redding, M.D., **Chairman** (919-335-5446)
1142 N. Road St., Elizabeth City 27909
Kenneth E. Cosgrove, M.D., **Secretary** (704-692-2231)
510 7th Ave., W., Hendersonville 28739

NOMINATING COMMITTEE

Gregory G. Holthusen, M.D., **Chairman** (919-768-1270)
P.O. Box 25007, Winston-Salem 27114

1. Aging Committee III-1 (12) (6 Consultants)

James S. Parsons, M.D.⁹² (IM) (919-832-5125) **Chairman**
704 W. Jones St., Raleigh 27603
Samuel T. Bickley, M.D.⁴⁰ (FP) (919-885-2118)
P.O. Box 5168, High Point 27262
Monroe T. Gilmour, M.D.⁶⁰ (IM) (704-375-0287)
1300 Baxter St., Ste. 163, Charlotte 28204
H. Ronald Gollberg, M.D.¹¹ (P/GER) (704-252-1421)
445 Biltmore Center, Ste. 304, Asheville 28801
Joanne E. Helppie, M.D.⁴⁵ (IM) (919-692-2232)
510 7th Ave., W., Hendersonville 28739
Harold Kallman, M.D.⁷⁴ (FP/GER) (919-551-2597)
ECU, Dept. of Family Medicine, Greenville 27834
Jonnie H. McLeod, M.D.⁶⁰ (PD) (704-597-2171)
Dept. of Human Services, UNC Charlotte Station,
Charlotte 28223
T. Art Payne⁹² (ST) (UNC) (919-929-4291)
405-A Coolridge St., Chapel Hill 27514
Rafael C. Sanchez, M.D.⁷⁴ (FP/ADL) (919-551-2608)
P.O. Box 1846, Greenville 27835
Deepak Sawhney⁹² (ST) (UNC) (919-968-1747)
4 Gooseneck Circle, Chapel Hill 27514
Robert J. Sullivan, Jr., M.D.³² (IM/FP) (919-684-2248)
Duke Medical Center, Box 3003, Durham 27710
Thomas R. White, M.D.⁶⁰ (FP) (704-542-9227)
10724 Park Rd., Charlotte 28210

Consultants:

Harvey J. Cohen, M.D., Director (919-684-3654)
Center on Aging & Human Development, Duke Medical Center,
Box 3003, Durham 27710
Mrs. Edwin Martinat (Martha) (Auxiliary) (919-678-0339)
120 Sherwood Forest Rd., Winston-Salem 27104
Elaine Stoops, Assistant Secretary (919-733-3983)
NC Division of Aging, 708 Hillsborough St., Raleigh 27607
Nancy Tintle, Associate Director (704-334-7656)
Council on Health Costs, 730 E. Trade St., Ste. 1020, Charlotte
28202
Mrs. Russell J. Sacco (Pam) (Auxiliary Past-President)
(704-693-9595)
P.O. Box 1086, Hendersonville 28793
Judith C. Wright (Health Director) (919-793-3023)
Hwy. 45, N., P.O. Box 396, Plymouth 27962

2. Arrangements Committee III-2 (13)

Edna M. Hoffman, M.D.²⁶ (OBG) (919-485-4755) **Chairman**
348 Valley Rd., Fayetteville 28305
Eugene M. Bozyski, M.D.³² (GE/IM) (919-966-2511)
UNC, Dept. of Medicine, 324 Clinical Science Bldg., 229-H,
Chapel Hill 27514
Don C. Chaplin, M.D.¹ (IM/CD) (919-227-3621)
Kernodle Clinic, 316 Graham-Hopedale Rd., Burlington 27215
William B. Costenbader, Jr., M.D.¹¹ (OTO/HNS) (704-254-3517)
131 McDowell St., Asheville 28801
Margaret N. Harker, M.D.¹⁶ (GP) (919-247-3476)
Drawer 897, Morehead City 28557
T. Reginald Harris, M.D.²³ (PUD/IM) (Speaker) (704-482-1482)
808 Schenck St., Shelby 28150
Robert S. Lackey, M.D.⁶⁰ (R/FP) (704-365-0343)
2118 Pinewood Cir., Charlotte 28211
Willis E. Mease, M.D.⁶⁷ (FP) (919-324-3105)
209 S. Church St., Richlands 28574
Mrs. Douglas L. Ritch (Helen) (Auxiliary) (704-542-9554)
3732 Table Rock Rd., Charlotte 28226
Peter W. Robie, M.D.³⁴ (IM) (919-748-2085)
300 S. Hawthorne Rd., Winston-Salem 27103

Ernest B. Spangler, M.D.⁴¹ (R) (President-Elect) (919-854-6546)
 Drawer X-3, Greensboro 27402
 Mrs. Roy A. Weaver (Anita) (Auxiliary) (919-868-2383)
 432 Brightwood Dr., Fayetteville 28303
 William B. Wood, M.D.³² (IM/PUD) (919-962-2118)
 UNC, 231 MacNider Bldg., Chapel Hill 27514

3 Audit Committee I-1 (5)

William R. Hudson, M.D.³² (OTO) (919-684-3834) **Chairman**
 Duke Medical Center, Durham 27710
 R. Jackson Blackley, M.D.⁹² (P/GPM) (919-733-6523)
 325 N. Salisbury St., Raleigh 27611
 Lawrence M. Cutchin, M.D.³³ (IM/PD) (919-823-1607)
 Rt. 3, Box 325, Tarboro 27886
 David M. Fajgenbaum, M.D.⁹² (ORS) (919-872-5296)
 3410 Executive Dr., Raleigh 27619

4 Auxiliary Advisory Committee III-3 (5) (4 Consultants)

Charles L. Nance, Jr., M.D.⁶⁵ (ORS) (919-763-7344) **Chairman**
 2001 S. 17th St., Wilmington 28401
 Gloria F. Graham, M.D.⁹⁸ (D) (919-291-5600)
 702 Broad St., Wilson 27893
 Elizabeth P. Kanof, M.D.⁹² (D) (919-878-0310)
 3400 Executive Dr., Raleigh 27609
 Charles J. Niemeyer, M.D.³⁶ (ORS) (704-865-6487)
 902 Cox Rd., Ste. A, Gastonia 28052
 Ralph E. Snyder, M.D.⁶³ (IM) (919-851-2955)
 P.O. Box 37309, Raleigh 27627

Consultants:

Mrs. Hugh H. Hayes (Imogene) (Auxiliary First Vice-President)
 (704-366-5621)
 5033 Gorham Dr., Charlotte 28226
 Mrs. Charles J. Niemeyer (Carolyn) (Auxiliary President-Elect)
 (704-867-8180)
 3421 Country Club Dr., Gastonia 28054
 Mrs. Russell J. Sacco (Pam) (Auxiliary Past President)
 (704-693-9595)
 P.O. Box 1086, Hendersonville 28793
 Mrs. Ralph E. Snyder (Jackie) (Auxiliary President)
 (919-949-3166)
 378-A Pine Ridge Dr., Whispering Pines 28327

5 Bioethics Committee II-3 (20) (8 Consultants)

George C. Barrett, M.D.⁶⁰ (R) (704-371-4056) **Chairman**
 958 Cherokee Rd., Charlotte 28207
 Linda E. Brinkman⁷⁴ (ST) (ECU) (919-355-6121)
 10 Palmetto Pl., Greenville 27834
 Robert S. Carnes, III, M.D.³⁴ (AN) (919-748-2927)
 300 S. Hawthorne Rd., Winston-Salem 27103
 Gloria F. Graham, M.D.⁹⁸ (D) (919-291-5600)
 702 Broad St., Wilson 27893
 Donald M. Hayes, M.D.⁴¹ (OM/IM) (919-379-4610)
 3330 W. Friendly Ave., Greensboro 27410
 Jack Hughes, M.D.³² (U) (919-286-1297)
 923 Broad St., Durham 27705
 Tracy J. T. Latz³⁴ (ST) (BG) (919-723-5305)
 452 Corona St., Winston-Salem 27103
 Allen J. McBride, M.D.³² (FP/GER) (919-489-7431)
 P.O. Box 2291, Durham 27702
 John L. McCain, M.D.⁹⁸ (RHU/IM) (919-291-7001)
 Wilson Clinic, Wilson 27893
 Assad Meymandi, M.D.²⁶ (P/N) (919-485-6166)
 1212 Walter Reed Rd., Fayetteville 28304
 Reggie D. Parlier³² (ST) (DUKE) (919-479-5559)
 1344 New Castle Rd., B-2, Durham 27704
 T. Art Payne³² (ST) (UNC) (919-929-4291)
 405-A Coolridge St., Chapel Hill 27514
 C. Glenn Pickard, Jr., M.D.³² (IM) (919-966-2276)
 N.C. Memorial Hospital, Chapel Hill 27514
 Mary Ann Rathbun, M.D.⁶⁰ (NPM/PD) (704-338-3156)
 P.O. Box 32861, Charlotte 28232
 Cecil D. Rhodes, Jr., M.D.⁹⁸ (IM/A)
 P.O. Box 27894-0309, Wilson 27894
 Louis deS. Shaffner, M.D.³⁴ (PDS/GS) (919-725-1503)
 740 N. Pine Valley Rd., Winston-Salem 27106
 Harold R. Silberman, M.D.³² (EM/IM) (919-684-5537)
 Duke Medical Center, Box 3975-M, Durham 27710

J. Dale Simmons, M.D.⁸⁶ (PH/FP) (919-374-2131)
 P.O. Box 1062, Dobson 27017
 Donald D. Smith, M.D.⁴¹ (PD) (919-379-4025)
 1200 N. Elm St., Greensboro 27401
 Eugene A. Stead, Jr., M.D.³⁹ (IM/CD) (919-684-6587)
 Rt. 1, Box 194, Bullock 27507

Consultants:

Rev. James Travis, Director (919-684-3586)
 Chaplain Service, Duke Medical Center, Box 3812, Durham 27710
 Larry Churchill, Ph.D. (919-962-1136)
 UNC, Dept. of Social & Administrative Medicine, Chapel Hill 27514
 Arlene J. Diosegy, J.D. (919-383-0355)
 P.O. Box 3079, Durham 27705
 Allen Dyer, M.D. (919-684-2415)
 Duke Hospital, Box 3838, Durham 27710
 Samuel R. Leager, Esq. (919-821-1150)
 P.O. Box 10096, Raleigh 27625
 D. Scott Lindsay, Chaplain (704-371-4168)
 Presbyterian Hospital, P.O. Box 33549, Charlotte 28233
 Mrs. Charles J. Niemeyer (Carolyn) (Auxiliary President-Elect)
 (704-867-8180)
 3421 County Club Dr., Gastonia 28054
 Mrs. Ralph E. Snyder (Jackie) (Auxiliary President)
 (919-949-3166)
 378-A Pine Ridge Dr., Whispering Pines 28327

6. Cancer Committee II-1 (26) (Legal — 1 ea. Congressional District) (1 Consultant)

M. Robert Cooper, M.D.³⁴ (ON/HEM) (5th) **Chairman**
 (919-748-4300)
 300 S. Hawthorne Rd., Winston-Salem 27103
 Ray G. Silverthorne, M.D.⁷ (OBG) (1st) (919-946-5168)
 Rt. 2, Box 35, Washington 27889
 Walter E. Davis, M.D.³² (ON/HEM) (2nd) (919-383-5531)
 1830 Hillandale Rd., Durham 27705
 Leonard S. Woodall, M.D.⁵¹ (OBG) (3rd) (919-934-7696)
 711 North Street, Smithfield 27577
 Kenneth S. Karb, M.D.⁴¹ (ON/IM) (6th) (919-272-2141)
 1007 Professional Village, Greensboro 27401
 James E. Wortman, M.D.⁶⁵ (ON/HEM) (7th) (919-763-5182)
 715 Forest Hills Dr., Wilmington 28403
 Richard W. Martin, M.D.⁶⁰ (GS) (8th) (704-637-2750)
 P.O. Box 1665, Salisbury 28144
 Samuel L. Orr, M.D.⁶⁰ (PTH) (9th) (704-338-2251)
 Charlotte Mem. Hospital, P.O. Box 32861, Charlotte 28232
 Avery W. McMurry, M.D.²³ (GS) (10th) (704-482-6359)
 207 Lee St., Shelby 28150
 John F. Tannehill, M.D.⁴⁴ (OTO/HNS) (11th) (704-452-1406)
 120 Hospital Dr., Clyde 28721
 Rolland J. Barrett, II, M.D.³⁴ (GYN/ON) (919-748-2011)
 228 Heatherton Way, Winston-Salem 27103
 Daniel L. Crocker, M.D.⁶⁴ (ON/HEM) (919-443-9084)
 100 Nash Med. Arts Mall, Rocky Mount 27801
 E. Bruce Elliston, M.D.¹¹ (FP) (704-258-8681)
 206 Ashland Ave., Asheville 28801
 Susan E. Epstein³⁴ (ST)(BG)
 1815 Brantley St., Winston-Salem 27104
 Jon P. Gockerman, M.D.³² (ON/HEM) (919-684-6283)
 Duke Medical Center, Box 3877, Durham 27710
 Herman A. Godwin, Jr., M.D.⁶⁰ (HEM/IM) (704-373-0700)
 2711 Randolph Rd., Ste. 100, Charlotte 28207
 Margaret N. Harker, M.D.¹⁶ (GP) (919-247-3476)
 P.O. Drawer 897, Morehead City 28557
 Donald M. Hayes, M.D.⁴¹ (OM/IM) (919-379-4610)
 3330 W. Friendly Ave., Greensboro 27410
 Vernon W. Jobson, M.D.³⁴ (GYN/ON) (919-765-1464)
 1901 S. Hawthorne Rd., Ste. 360, Winston-Salem 27103
 Richard B. Marshall, M.D.³⁴ (PTH) (919-748-2626)
 236 Stanaford Rd., Winston-Salem 27104
 Robert C. Moffatt, M.D.¹¹ (ON/GS) (704-258-2464)
 30 Victoria Rd., Asheville 28801
 Barton R. Paschal, M.D.¹¹ (ON/HEM) (704-254-8232)
 1 Doctors Dr., Asheville 28801
 Karen G. Seaton³² (ST) (UNC) (919-933-9515)
 59 Polks Landing, Chapel Hill 27514

Charles L. Spurr, M.D.³⁴ (ON/HEM) (919-748-2946)
300 S. Hawthorne Rd., Winston-Salem 27103
Stuart K. Todd, M.D.⁶⁴ (GS) (919-443-9084)
100 Nash Medical Arts Mall, Rocky Mt. 27801

Consultant:

Judith C. Wright (Health Director) (919-793-3023)
Hwy. 45, N., P.O. Box 396, Plymouth 27962

7. Child Health Committee VI-1 (17) (1 Consultant)

Charles K. Scott, M.D.¹ (PD/ADL) (919-228-8316) **Chairman**
530 W. Webb Ave., Burlington 27215
Marshall E. Agner, M.D.³⁶ (FP) (704-435-6058)
609 E. Academy St., Cherryville 28021
John E. Eisele, M.D.⁷⁴ (PD/PM) (919-551-4440)
P.O. Box 6028, Greenville 27834
Gerald W. Fernald, M.D.³² (PD/ID) (919-966-2069)
N.C. Memorial Hospital, Chapel Hill 27514
Thomas E. Frothingham, M.D.³² (PD/ID) (919-684-6870)
Duke Medical Center, Box 3937, Durham 27710
R. McPhail Herring, Jr., M.D.⁸² (PD) (919-592-6011)
403 Fairview St., Clinton 28328
Thomas G. Irons, M.D.⁷⁴ (PD) (919-551-2535)
ECU, Dept. of Pediatrics, Greenville 27834
Jean B. F. Kenny, M.D.⁷⁴ (PD/ID) (919-551-2511)
ECU, Dept. of Ped., Greenville 27858
Charlie C. Miraglia³⁴ (ST) (BG) (919-723-2299)
1057 S. Hawthorne Rd., Winston-Salem 27103
Douglas D. Sheets, M.D.⁸¹ (OBG) (704-287-7383)
Tryon Rd., P.O. Box 1208, Rutherfordton 28139
Jimmy L. Simon, M.D.³⁴ (PD) (919-748-4431)
Bowman Gray, Dept. of Pediatrics, Winston-Salem 27103
Suzanne P. Starling⁷⁴ (ST) (ECU) (919-756-8520)
Rt. 2, Box 344, Winterville 28590
Rose Mary Stocks⁷⁴ (ST) (ECU) (919-758-5864)
406-B S. Harding St., Greenville 27834
Thad B. Wester, M.D.⁷⁸ (PD/PH) (919-733-3446)
1001-101 Brighthurst Dr., Raleigh 27601
Jerry W. Wiley, M.D.⁹² (PD) (919-733-2833)
4700 Westminster Dr., Raleigh 27604
E. Brooks Wilkins, M.D.⁹² (FP) (919-782-0146)
6204 Gainsborough Dr., Raleigh 27612

Consultant:

Eugene C. Hines, Jr. (Health Director) (919-592-1131)
County Complex, Rowan Rd., Clinton 28328

8. Children's Special Health Services Advisory Committee IV-1 (18)

Angus M. McBryde, Jr., M.D.⁶⁰ (ORS) (704-372-0743) **Chairman**
1012 Kings Dr., Ste. 101, Charlotte 28283
Page Anderson, M.D.³² (PDC) (919-684-2538)
Duke Medical Center, Box 3218, Durham 27710
Ralph W. Coonrad, M.D.³² (ORS/HS) (919-286-1249)
1828 Hillandale Rd., Durham 27705
William B. Costenbader, Jr., M.D.¹¹ (OTO/HNS) (704-254-3517)
131 McDowell St., Asheville 28801
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330 N. Market St., Chocowinity 27817
Thad B. Wester, M.D.⁷⁸ (PD/PH) (919-733-3446)
1001-101 Brighthurst Dr., Raleigh 27601

9. Communications Committee V-1 (14) (7 Consultants)

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(919-353-3498)
Onslow Memorial Hospital, Jacksonville 28540
Sidney L. Gulledge, III, M.D.⁹² (OPH) (919-878-0220)
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3421 Country Club Dr., Gastonia 28054
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Mrs. Martha Waters (919-832-7421)
Epley Associates, P.O. Box 1801, Raleigh 27602
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10. Constitution & Bylaws Committee III-4 (5) (2 Consultants)

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Coordinating Council of Specialty Societies (20)

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Robert W. Youngblood, M.D.⁹⁸ (GS/TS) (919-291-7001)

1201 Brookside Dr., Wilson 27893

Cost Management of Medical Care Committee II-2 (22)

(1 Consultant)

Deborah S. Lenahan, M.D.²⁹ (OPH) (704-243-2436) **Chairman**

2 Hospital Dr., Lexington 27292

Howard L. Armistead, Jr., M.D.⁶⁵ (FP/OM) (919-762-7776)

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D. E. Barham (919-946-8111)

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P.O. Box 3584, Hickory 28603

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Ned Donnelly (704-735-4523)

P.O. Box 220, Lincolnton 28093

Nereus C. English (919-472-7788)

Carolina Underwear Co., P.O. Box 398, Thomasville 27360

Jack S. Greco (919-343-5534)

General Electric Co., P.O. Box 780, Wilmington 28402

Lee D. Hemink (919-756-6637)

Procter & Gamble, Inc., Rt. 11, Box 300, Greenville 27834

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Wilson Clinic, Wilson 27893

Simmons I. Patrick, M.D.⁵⁴ (R) (919-527-7077)

Kinston Clinic, N. Doctor's Dr., Kinston 28501

Jerry L. Pruitt, M.D.¹⁹ (D) (704-328-6185)

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Hampton Industries, P.O. Box 614, Kinston 28501

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N. William Young, M.D.³² (OPH) (919-471-8495)

2609 N. Duke St., Durham 27704

Consultant:

George Stiles (704-334-7656)

Council on Health Costs, Inc., 730 E. Trade St., Ste. 1020,
Charlotte 28202

13. Council on Review & Development (7) (3 Ex Officio with Vote, 1 nonvoting)

Thomas B. Dameron, Jr., M.D.⁹² (ORS) **Chairman**

(919-781-5600)

P.O. Box 10707, Raleigh 27605

Jack Hughes, M.D.³² (U) (919-286-1297) **Vice-Chairman**

923 Broad St., Durham 27705

Kenneth E. Cosgrove, M.D.⁴⁵ (IM/CD) (704-692-2231)

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John W. Foust, M.D.⁶⁰ (OT) (704-365-0711)

3535 Randolph Rd., Charlotte 28211

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Marshall S. Redding, M.D.⁷⁰ (OPH) (919-335-5446)

1142 N. Road St., Elizabeth City 27909

Frank Sohmer, M.D.³⁴ (GE/IM) (919-760-4340)

1901 S. Hawthorne Rd., Ste. 310, Winston-Salem 27103

Ex Officio with Vote:

Henry J. Carr, Jr., M.D.⁸² (IM) (President) (919-592-6114)

603 Beaman St., Clinton 28328

Ernest B. Spangler, M.D.⁴¹ (R) (President-Elect) (919-854-6546)

Drawer X-3, Greensboro 27401

John T. Dees, M.D.⁶⁵ (FP/PH) (Secretary) (919-259-2161)

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Ex Officio Nonvoting:

George E. Moore (Executive Vice-President) (919-833-3836)

P.O. Box 27167, Raleigh 27611

14. Credentials Committee (of Delegates to House of Delegates) III-5 (5)

Louis R. Wilkerson, M.D.⁹² (OBG) (919-832-5529) **Chairman**

100 S. Boylan Ave., Raleigh 27603

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J. Grayson Hall, M.D.⁶⁵ (FP) (919-386-8270)

P.O. Box 158, Dobson 27017

Carey J. Walton, Jr., M.D.¹⁴ (IM/GE) (704-758-5544)

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15. Disaster & Emergency Medical Care Committee V-2 (19) (1 Consultant)

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Eleanor E. Avery⁷⁴ (ST) (ECU) (919-752-0569)

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Gregory S. Georgiade, M.D.³² (PS/GS) (919-684-3039)
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Alfred R. Hansen, M.D.³² (EM/FP) (919-966-5643)
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Bowman Gray, Dept. of Neurosurgery, Winston-Salem 27103
Hervy B. Kornegay, Sr., M.D.⁹⁶ (FP) (919-658-4954)
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Consultant:

Mr. Bob Bailey, Chief (919-733-2285)
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16. Drug Abuse & Pharmacy Committee VI-2 (13) (6 Consultants)

Ronald B. Mack, M.D.³⁴ (PD) (919-727-8108) **Chairman**
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28223
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Col. Jack F. Cardwell (919-733-7952)
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Mr. David R. Work, Secretary-Treasurer (919-942-4454)
NC Board of Pharmacy, P.O. Box H, Carrboro 27510

17. Eye Care & Eye Bank Committee V-3 (26)

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Charles L. Baltimore, Jr., M.D.⁷ (OPH) (919-946-2171)
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Shahane R. Taylor, Jr., M.D.⁴¹ (OPH) (919-274-4626)
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18. Finance Committee I-2 (6) (10 Consultants) (3 Ex Officio)

Thomas F. O'Brien, Jr., M.D.⁷⁴ (GE/IM) **Chairman**
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Ernest B. Spangler, M.D.⁴¹ (R) (919-854-6546) **Vice-Chairman**
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C. Christopher Bremer, M.D.⁷⁴ (FP) (919-756-7974)
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Ex Officio:

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- William R. Hudson, M.D.³² (OTO) (919-684-3834)
Duke Medical Center, Durham 27710
- I — F. Maxton Mauney, Jr., M.D.¹¹ (CDS/TS) (704-258-1121)
257 McDowell St., Asheville 28803
- II — Lawrence M. Cutchin, M.D.³³ (IM/PD) (919-823-1607)
Rt. 3, Box 325, Tarboro 27886
- III — Edwin W. Monroe, M.D.⁷⁴ (IM) (919-551-4606)
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- IV — Eugene S. Mayer, M.D.³² (GPM) (919-966-2461)
UNC, Wing C, 221-H, Box 3, Chapel Hill 27514
- V — Elizabeth P. Kanof, M.D.⁹² (D) (919-878-0310)
3400 Executive Dr., Raleigh 27609
- VI — Thad B. Wester, M.D.⁷⁸ (PD/PH) (919-733-3446)
1001-101 Brighthurst Dr., Raleigh 27601
- Edna Hoffman, M.D.²⁶ (OBG) (919-485-4755)
348 Valley Rd., Fayetteville 28305

9. Goals & Objectives Committee I-3 (3-yr. term) (6)**(3 Consultants)**

- Jack Hughes, M.D.³² (U) (1989) (919-286-1297) **Chairman**
923 Broad St., Durham 27705
- J. Dewey Dorsett, Jr., M.D.⁶⁰ (IM/CD) (1987) (704-333-4175)
1851 E. Third St., Charlotte 28204
- D. John Godehn, Jr., M.D.⁴⁵ (D) (1989) (704-693-0275)
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- Susan S. Gustke, M.D.⁹² (IM/HEM) (1990) (919-733-5431)
4100 Stranaver Pl., Raleigh 27612
- Clifford R. Guy, M.D.³⁴ (CD/IM) (1990) (919-768-4730)
250 Charlois Blvd., Winston-Salem 27103
- Shahane R. Taylor, Jr., M.D.⁴¹ (OPH) (1988) (919-274-4626)
348 N. Elm St., Greensboro 27401

Consultants:

- Charles O. Boyette, M.D.⁷ (FP) (919-943-2651)
P.O. Box 310, Belhaven 27810
- Kenneth M. Dennis, M.D.⁴⁴ (PD/ADL) (704-627-9226)
1 Smathers St., Clyde 28721
- Assad Meymandi, M.D.²⁶ (P/N) (919-485-6166)
1212 Walter Reed Rd., Fayetteville 28304

10. Representative on Governor's Advisory Council on Aging (1)**(4-yr. term)**

- James S. Parsons, M.D.⁹² (IM) (919-832-5125) (1990)
704 W. Jones St., Raleigh 27603

11. Health Care Professionals Liaison Committee II-4 (6)**(5 Consultants)**

- John L. McCain, M.D.⁹⁸ (RHU/IM) (919-291-7001) **Chairman**
Wilson Clinic, Wilson 27893
- Roy A. Agner, Jr., M.D.⁶⁰ (IM) (704-633-7220)
611 Mocksville Ave., Salisbury 28144
- Clyde J. Dellinger, M.D.¹² (FP) (704-437-3634)
P.O. Box 8, Drexel 28619
- F. Maxton Mauney, Jr., M.D.¹¹ (CDS/TS) (704-258-1121)
257 McDowell St., Asheville 28803
- D. Edmond Miller, M.D.³² (CD/IM) (919-471-8441)
2609 N. Duke St., Ste. 403, Durham 27704
- C. Glenn Pickard, Jr., M.D.³² (IM) (919-966-2276)
N.C. Memorial Hospital, Chapel Hill 27514

Consultants:

- Jo Franklin, R.N. (NCNA) (704-873-5661)
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- Marc Katz, P.A. (NCAPA) (704-328-2941)
Rt. 4, Box 213-A, Vale 28168
- Bryant D. Paris, Jr., (BME) (919-833-5321)
222 N. Person St., Ste. 214, Raleigh 27601
- Ruth Patterson, Ed.D., CMA (NCSMA) (919-833-6752)
NCSU, Box 7801, Raleigh 27695
- John H. Rhoades (NC Medical Group Managers) (704-372-3300)
1600 E. Third St., Charlotte 28204

22. Health Insurance Companies & Plans Committee IV-2 (44)

- James C. Gaither, M.D.¹⁸ (IM) (704-322-1128) **Chairman**
660 Milton Rd., Newton 28658
- James D. Anderson, M.D.⁶⁰ (OBG) (704-373-1541)
1023 Edgehill Rd., S., Charlotte 28207
- William S. Bost, Jr., M.D.⁷⁴ (OTO) (919-752-5227)
P.O. Box 5007, Greenville 27834
- William R. Bullock, M.D.⁶⁰ (IM/OM) (704-372-3350)
217 Travis Ave., Charlotte 28204
- Robert W. Carter, M.D.¹ (IM/CD) (919-227-3621)
Kernodle Clinic, Burlington 27215
- John Cashman, M.D.⁶⁵ (U) (919-763-6251)
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- Douglas H. Clark, M.D.⁷⁸ (GS) (919-738-8556)
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Rt. 1, Davidson 28036
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- John T. Daly, M.D.³² (PTH/FOP) (919-477-6742)
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- Arthur E. Davis, Jr., M.D.⁹² (PTH/A) (919-833-9839)
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1333 Romany Rd., Charlotte 28204
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- H. Gerard Hartzog, III, M.D.⁹² (GS) (919-781-0710)
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- Howard Holderness, Jr., M.D.⁴¹ (PS/GS) (919-275-0919)
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- William R. Hudson, M.D.³² (OTO) (919-684-3834)
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- George K. Ibrahim³² (ST) (DUKE) (919-493-3695)
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- Lyndon K. Jordan, M.D.⁵¹ (FP) (919-934-7687)
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- Frederic R. Kahl, M.D.³⁴ (CD/IM) (919-748-4261)
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- Bruce L. Kihlstrom, M.D.³² (NS/GS) (919-383-5531)
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- John D. Larson, Jr., M.D.⁹² (EM/OBG) (919-755-8500)
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- Joseph A. Moylan, M.D.³² (GS/TRS) (919-684-2237)
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- John F. Munroe, Jr., M.D.²⁴ (IM/END) (919-642-2230)
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- Harold C. Pollard, III, M.D.³⁴ (OBG) (919-765-9350)
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- Edwin T. Preston, M.D.³² (ORS) (919-942-3171)
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23. Department of Human Resources Liaison Committee IV-3 (16) (4 Consultants)

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Consultants:

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24. Legislation Committee V-4 (13) (41 Consultants)

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Henry J. Carr, Jr., M.D.⁸² (IM) (919-592-6114) (President)
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John E. Cook, M.D.⁷⁰ (AN) (919-338-1542)
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P.O. Box 815, Burgaw 28425
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ECU School of Medicine, Greenville 27834
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165 Page Rd., #2, Pinehurst 28374
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25. Maternal Health Committee VI-3 (22) (1 Consultant) (6-yr. term)

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403 Fairview St., Clinton 28328
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6. Mediation Committee (5) (Five Immediate Past-Presidents)

Marshall S. Redding, M.D.⁷⁰ (OPH) (919-335-5446) **Chairman**
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923 Broad St., Durham 27705

27. Medical Aspects of Sports Committee V-5 (24) (3 Consultants)

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Al Proctor, Ph.D. (919-733-3822)
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28. Medical Education Committee III-6 (18)

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Jerry C. Woodard, M.D.⁹⁸ (GE/IM) (919-291-1300)
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29. Medical-Legal Committee V-6 (19)

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Rodney H. Allen³² (ST) (UNC) (919-929-5745)
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30. Membership Committee I-4 (39) (5 Consultants)

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1. Membership Services & Benefits Committee I-5 (14)

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 Drawer 1694, New Bern 28560
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2. Mental Health Committee VI-4 (21) (4 Consultants)

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 A. Ray Evans, M.D.⁷⁴ (P) (919-758-4810)
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 Mrs. Wymene Valand (919-833-6076)
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33. Nominating Committee (10) (3-yr. term)

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 125 Moye Blvd., Greenville 27834
 Edna Hoffman, M.D.²⁶ (OBG) (5th) (1989) (919-485-4755)
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 N. Neil Howell, M.D.⁶⁰ (OTO/HNS) (7th) (1989) (704-365-0711)
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 Paul A. Kizen, M.D.⁷⁰ (OBG) (1st) (1988) (919-335-2061)
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 Charles L. Nance, Jr., M.D.⁶⁵ (ORS) (3rd) (1989) (919-763-7334)
 2001 S. 17th St., Wilmington 28401

34. N.C. Industrial Commission Liaison Committee IV-4 (25)

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35. Physicians Health & Effectiveness Committee VI-5 (27) (2 Consultants)

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36. Practice Pattern Variation Committee IV-5 (19) (6 Consultants)

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9. Professional Review Organizations Liaison Committee IV-6 (8) (1 Consultant)

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40. Rehabilitation Medicine Committee IV-7 (13)

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42. Task Force on Indigent Care (10) (3 Consultants)

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COUNCILOR DISTRICTS
Constitution and Bylaws of the
North Carolina Medical Society

Article VI — Section and District Societies

The House of Delegates may divide the scientific work of The Society into appropriate sections, and organize such councilor district societies composed of members of component societies, as will promote the interests of the profession.

Chapter VII — Councilor Districts

Section 1. To facilitate the organization of the medical profession, the State of North Carolina hereby is divided by counties into ten councilor districts as follows:

First District — Bertie-Gates-Hertford, Chowan-Perquimans, and Pasquotank-Camden-Currituck-Dare.

Second District — Beaufort-Hyde-Martin-Washington-Tyrrell, Carteret, Craven-Pamlico-Jones, Lenoir-Greene and Pitt.

Third District — Bladen, Brunswick, Columbus, Duplin, New Hanover-Pender, Onslow and Sampson.

Fourth District — Edgecombe, Halifax, Johnston, Nash, Northampton, Warren, Wayne, and Wilson.

Fifth District — Cumberland, Harnett, Hoke, Lee, Moore, Richmond, Robeson, and Scotland.

Sixth District — Alamance-Caswell, Chatham, Durham-Orange, Franklin, Granville, Person, Vance, and Wake.

Seventh District — Anson, Cabarrus, Cleveland, Gaston, Lincoln, Mecklenburg, Montgomery, Rutherford, Stanley, and Union.

Eighth District — Alleghany, Ashe, Forsyth-Stokes-Davie, Guilford, Randolph, Rockingham, Surry-Yadkin, and Wilkes.

Ninth District — Alexander, Avery, Burke, Caldwell, Catawba, Davidson, Iredell, McDowell, Rowan, and Watauga.

Tenth District — Buncombe, Cherokee, Graham, Haywood, Henderson, Jackson, Macon-Clay, Madison, Mitchell-Yancey, Polk, Swain, and Transylvania.

ROSTER CODING KEY

CODING SYMBOLS

ALPHABETICAL SECTION

† DOE, JOHN M., MD IM/GE 32
DEPT. OF MED. A P * AC
DUKE UNIVERSITY MEDICAL CENTER
DURHAM, NC 27710 919-684-0000

† IM/GE DECEASED
PRIMARY/SECONDARY
32 SPECIALTY (SEE KEY BELOW)
COMPONENT SOCIETY CODE
(SEE KEY BELOW)
A AMA MEMBER
P MEDPAC MEMBER
* ATTENDED ANNUAL MEETING
AC TYPE OF MEMBERSHIP (SEE
KEY BELOW)

COMPONENT SOCIETY SECTION

† DOE, JOHN M., MD IM/GE AC
DEPT. OF MED. 59 60 64
DUKE UNIVERSITY MEDICAL CENTER
DURHAM, NC 27710 YALE
919-684-0000

† IM/GE DECEASED
PRIMARY/SECONDARY SPE-
AC CIALTY (SEE KEY BELOW)
TYPE OF MEMBERSHIP (SEE KEY
BELOW)
59 YEAR GRADUATED
60 YEAR LICENSED
64 YEAR JOINED SOCIETY
YALE MEDICAL SCHOOL

SPECIALTY CODES

ADL Adolescent Medicine
AM Aerospace Medicine
A Allergy
AI Allergy & Immunology
AN Anesthesiology
BLB Bloodbanking
BE Broncho-esophagology
CD Cardiovascular Diseases
D Dermatology
DMP Dermatopathology
DIA Diabetes
EM Emergency Medicine
END Endocrinology
FP Family Practice
GE Gastroenterology
GP General Practice
GPM General Preventive Medicine
GER Geriatrics
GYN Gynecology
HEM Hematology
HYP Hypnosis
IG Immunology
ID Infectious Diseases
IM Internal Medicine
LAR Laryngology
LM Legal Medicine
NA Neuropathology
NPM Neonatal-Perinatal Medicine
ND Neoplastic Diseases
NEP Nephrology
N Neurology
CHN Neurology, Child
NM Nuclear Medicine
NR Nuclear Radiology
NTR Nutrition
OBS Obstetrics
OBG Obstetrics and Gynecology
OM Occupational Medicine
ON Oncology
OPH Ophthalmology
OT Otolaryngology
OTO Otorhinolaryngology
PTH Pathology

CLP Pathology, Clinical
FOP Pathology, Forensic
RIP Pathology, Radioisotopic
PD Pediatrics
PDA Pediatrics, Allergy
PDC Pediatrics, Cardiology
PDE Pediatric Endocrinology
PHO Pediatric Hematology-Oncology
PNP Pediatric Nephrology
PA Pharmacology, Clinical
PM Physical Medicine and Rehabilitation
P Psychiatry
CHP Psychiatry, Child
PYA Psychoanalysis
PYM Psychosomatic Medicine
PH Public Health
PUD Pulmonary Diseases
R Radiology
DR Radiology, Diagnostic
PDR Radiology, Pediatric
TR Radiology, Therapeutic
RHU Rheumatology
RHI Rhinology
ABS Surgery, Abdominal
CDS Surgery, Cardiovascular
CRS Surgery, Colon and Rectal
PSF Surgery, Facial Plastic
GS Surgery, General
HS Surgery, Hand
HNS Surgery, Head and Neck
MFS Surgery, Maxillofacial
NS Surgery, Neurological
ORS Surgery, Orthopaedic
PDS Surgery, Pediatric
PS Surgery, Plastic
TS Surgery, Thoracic
TRS Surgery, Traumatic
U Surgery, Urological
VS Surgery, Vascular
OS Other Specialty

COMPONENT SOCIETY CODES

1 ALAMANCE-CASWELL
2 ALEXANDER
3 ALLEGHANY
4 ANSON
5 ASHE
6 AVERY
7 BEAUFORT-HYDE-MARTIN-
WASHINGTON-TYRRELL
8 BERTIE-GATES-HERTFORD
9 BLADEN
10 BRUNSWICK
11 BUNCOMBE
12 BURKE
13 CABARRUS
14 CALDWELL
CAMDEN (SEE #70)
16 CARTERET
CASWELL (SEE #1)
18 CATAWBA
19 CHATHAM
20 CHEROKEE
21 CHOWAN-PERQUIMANS
CLAY (SEE #56)
23 CLEVELAND
24 COLUMBUS
25 CRAVEN-PAMLICO-JONES
26 CUMBERLAND
CURRITUCK (SEE #70)
DARE (SEE #70)
29 DAVIDSON
DAVIE (SEE #34)
31 DUPLIN
32 DURHAM-ORANGE
33 EDGEcombe
34 FORSYTH-STOKES-DAVIE
35 FRANKLIN

36 GASTON
GATES (SEE #8)
GRAHAM (SEE #20)
39 GRANVILLE
GREENE (SEE #54)
40 HIGH POINT
41 GREENSBORO
42 HALIFAX
43 HARNETT
44 HAYWOOD
45 HENDERSON
HERTFORD (SEE #8)
47 HOKE
HYDE (SEE #7)
49 IREDELL
50 JACKSON
51 JOHNSTON
JONES (SEE #25)
LEE
53 LENOIR-GREENE
54 LINCOLN
55 MACON-CLAY
56 MADISON
MARTIN (SEE #7)
59 MCDOWELL
60 MECKLENBURG
61 MITCHELL-YANCEY
62 MONTGOMERY
63 MOORE
64 NASH
65 NEW HANOVER-PENDER
66 NORTHAMPTON
67 ONSLOW
ORANGE (SEE #32)
PAMLICO (SEE #25)
70 PASQUOTANK-CAMDEN-
CURRITUCK-DARE
PENDER (SEE #65)
PERQUIMANS (SEE #21)
PERSON
73 PITT
74 POLK
75 RANDOLPH
76 RICHMOND
78 ROBESON
79 ROCKINGHAM
80 ROWAN
81 RUTHERFORD
82 SAMPSON
83 SCOTLAND
84 STANLY
STOKES (SEE #34)
86 SURRY-YADKIN
87 SWAIN
88 TRANSYLVANIA
TYRRELL (SEE #7)
90 UNION
91 VANCE
92 WAKE
93 WARREN
WASHINGTON (SEE #7)
95 WATAUGA
96 WAYNE
97 WILKES
98 WILSON
YADKIN (SEE #86)
YANCEY (SEE #61)

TYPE OF MEMBERSHIP CODES

AC ACTIVE
AF AFFILIATE
AS ASSOCIATE
H HONORARY
S STUDENT
R RESIDENT
L LIFE
L/RT LIFE/RETIRED
RT RETIRED

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Med-Care is the powerful office management system created for medical practices and clinics. Med-Care will improve the efficiency and productivity of managing and processing patient information while *improving cash flow*. In short, it will help you manage virtually every aspect of your practice.

The Med-Care System automates labor intensive functions like insurance processing, accounts receivable, billing, appointment scheduling and even routine correspondence. Med-Care has alternate fee schedules to help speed up your patient processing. HMOs and other PHP plans are handled with ease. It is also an invaluable business analysis tool, providing the insight you need to make well-informed decisions about the performance and future growth of your practice.

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A Complete Management System Designed in Cooperation with Medical Professionals.

The reason for The Med-Care System's superior performance and simple operation is that we designed it in cooperation with the medical industry, not just systems programmers, but physicians, medical accountants and medical office managers — people with the real knowledge and understanding of medical office management.

Unless you have an insight into computers and software, selecting the right system as well as the proper support and training can be a difficult, time-consuming and very expensive experience. To make things easier on you, The Med-Care System was developed as a complete system. Everything you need — software, hardware, training and support — is included.

The Med-Care System comes complete with the Medical Office Management Program, Texas Instruments Micro or Mini System Computer with multiple work stations, printers and high capacity disk drives. Each system is tailored to the specific needs of your practice. And as your practice grows, Med-Care is flexible enough to grow with you.

The Texas Instruments Computers are expandable and support up to 128 workstations with the ability to expand storage as it is needed. They were selected for their price-performance and reliability in group practice environments.



Every Aspect of Your Practice Will Run More Efficiently.

Med-Care software is so versatile, you can tailor it to every management function in your practice. And even if you've never used a computer before, automating your practice with The Med-Care System is simple.

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Here are some of the ways Med-Care can improve the way you manage your practice:

- Speeds up insurance processing by handling multiple claims per patient and can transmit paperless claims to Medicare and major carriers.
- Improves staff management by maintaining information for multiple doctors and locations.
- Reduces collection time by tracing unpaid insurance claims.
- Increases efficiency by aging accounts and insurance pending files automatically.

- Eliminates paperwork by generating daily charge tickets and appointments.
- Increases cash flow by printing statements, medical reminders and collection letters.
- Improves patient service by providing instant access to each patient's medical records.
- Reduces paperwork by generating daily, monthly, or yearly receipt and charge reports by doctor, by procedure and by practice.

Med-Care's Person-To-Person Training: A Nice Way To Get Started.

Before you invest in a medical office management system, it's important to know what you're getting for your money. With The Med-Care System, what you get is more than hardware and software. You get the personal care and attention that has become a trademark of the people at Med-Care.

The moment your system arrives, the people at Med-Care will be there to guarantee a smooth, trouble-free start-up. They'll take you through an informative five-day practice clinic to ensure that everyone feels comfortable and confident with the new system. It's a nice way to get started.

But that's only the beginning. The people at Med-Care help you throughout the year. Our qualified customer service staff is specially trained on the Med-Care System. If you ever have trouble, they'll respond immediately.

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All of these things are why Med-Care is the "No Risk" medical practice system for you.

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WELCOME 27374	704 731-4006	ECU SCHOOL OF MEDICINE		PO BOX 159	
BDA, SANDRA MARIE	ORS 090	GREENVILLE 27834	919 551-2550	CHERRYVILLE 28021	704 435-6058
701 ROOSEVELT BLVD., BLDG 600	A AC	ADAMS, HARVEY	GYN 076	AGNER, ROY AUGUSTA, JR.	IM 080
MONROE 28110	704 289-4595	230 FOUST STREET	AC	611 MOCKSVILLE AVENUE	A AC
BELL, JAMES CURTIS	PD 049	ASHEBORO 27203	919 625-6128	SALISBURY 28144	704 633-7220
925 THOMAS STREET	AC	ADAMS, LEON ASHBY	OTO 098	AGNER, ROY CHRISTOPHER	IM 080
STATESVILLE 28677	704 872-9595	1700 S. TARBORO ST.	A AC	611 MOCKSVILLE AVENUE	A AC
BERNATHY, DAVID SMITH	/IM 012	WILSON 27893	919 291-1300	SALISBURY 28144	704 636-9820
341 E. PARKER ROAD	AC	ADAMS, MELANIE	034	AGSTEN, JOSEPH EDWARD	FP 054
MORGANTON 28655	704 433-0225	300 S. HAWTHORNE RD., BOX 447	A S	107 AIRPORT ROAD	A AC
BERNATHY, WILLIAM SHERWOOD	CD /IM 032	WINSTON-SALEM 27103	919 760-2292	KINSTON 28501	919 527-4146
2609 N. DUKE ST., STE, 403	A AC	ADAMS, PATRICIA LEE	NEP /IM 034	AHDIEH, MASOUD	PD 077
DURHAM 27704	919 471-8441	300 S. HAWTHORNE RD.	A AC	302 HYLAN AVENUE	A P AC
BERNETHY, HENRY WALTER	FP /IM 018	WINSTON-SALEM 27103	919 748-4538	HAMLET 28345	919 997-7180
221 13TH AVE. PL. NW-FP	A P AC	ADAMS, RICHARD WESLEY	ORS 049	AHMAD, WAHAJ DIN	N/IM 092
HICKORY 28601	704 322-5800	770 HARTNESS ROAD	AC	121 EDINBURGH SOUTH, STE. 210	A AC
BERNETHY, MARY LISA	032	STATESVILLE 28677	704 873-1851	CARY 27511	919 469-2010
3534 ERICA WAY, CROWNE POINT	A S	ADAMS, SIMEON HUEY	GS 036	AIKEN, HOVEY EUGENE, JR.	PD 025
BIRMINGHAM, AL 35243		902-G COX ROAD	A AC	707 PROFESSIONAL DRIVE	AC
BERNETHY, PAUL MCBEE	OPH 001	GASTONIA 28054	704 864-7821	NEW BERN 28560	919 633-2900
1214 VAUGHN ROAD	A * AC	ADAMS, WILLIAM CHAMBLISS	PD 078	AIKEN, JANET CYBRYNSKI	IM 036
BURLINGTON 27215	919 228-0254	103 W. 27TH ST.	AC	1349-B E. GARRISON BLVD.	A AC
BERNETHY, WILLIAM BORDEN, JR.	PD 036	LUMBERTON 28358	919 739-3318	GASTONIA 28054	704 861-0210
610 DEERWOOD	A AC	ADAMSON, WM. TALBOT	032	AIKEN, WARWICK, III	IM 036
GASTONIA 28052	704 864-4298	3222 COACHMAN'S WAY	A S	1349-B E. GARRISON BLVD.	A AC
BRAHAMS, STUART JOEL	GYN 041	DURHAM 27705	919 489-7372	GASTONIA 28054	704 861-0210
200 E. NORTHWOOD ST., STE. 216	A AC	ADCOCK, JIMMIE WARREN	IM 060	AINSLEY, THELLIE RUPERT, JR.	IM 053
GREENSBORO 27401	919 275-5391	217 TRAVIS AVE.	A AC	1007 CARTHAGE ST.	AC
BRAMS, MURRAY STANLEY	GS 041	CHARLOTTE 28204	704 372-3350	SANFORD 27330	919 774-4343
311 W. WENDOVER AVE.	A AC	ADELMAN, JAMES U.	N 041	AINSWORTH, KERRY H.	OBG 076
GREENSBORO 27408	919 275-8415	1910 N. CHURCH STREET	A P AC	1800 BACK CREEK CT.	P AC
BSE, DAVID WILFRED	P 032	GREENSBORO 27405	919 273-2511	ASHEBORO 27203	919 626-2184
ST. ALBANS HOSPITAL	AC	ADELMAN, RICHARD D.	FP 092	AITKEN, MARY ELIZABETH	032
RADFORD, VA 24143	804 977-1120	7320 SIX FORKS RD., STE. 260	AC	308 BRIARBRIDGE VALLEY RD.	A S
CKER, JEFFREY CHARLES	032	RALEIGH 27615	919 846-9292	CHAPEL HILL 27514	919 929-7833
2209 MOREHEAD AVE., APT. #2	A S	ADER, OTTIS LADEAU	PH 032	AIZCORBE, RAUL CESAR	FP 036
DURHAM 27707	919 684-5154	PO BOX 507	A L/RT	79 MCADENVILLE ROAD	A AC
CKERMAN, JAYNE A.	IM /ADL 041	WALKERTOWN 27051	919 595-2251	BELMONT 28012	704 825-3101
GOVE HEALTH CENTER	AC	ADERHOLDT, MARCUS LAFAYETTE	PD 040	AKERS, RICHARD EDWIN	OPH 036
UNCG, GRAY DR.		624 QUAKER LANE, SUITE 100-A	A L	631 COX ROAD	A AC
GREENSBORO 27412	919 334-5340	HIGH POINT 27262	919 882-4187	GASTONIA 28054	704 864-7789
DAIR, WILLIAM EDWARD, JR.	GP /GS 043	ADICKES, GEORGE CARTWRIGHT	IM 060	AKERS, RICHARD ELBERT	U 040
P. O. BOX 578	A L	1100 BLYTHE BOULEVARD	A AC	624 QUAKER LANE	A AC
ERWIN 28339	919 897-5521	CHARLOTTE 28203	704 338-4330	HIGH POINT 27262	919 886-5151
DAMS, BEVERLY J. S.	PSF /HNS 032	ADKINS, HENRY THOMAS, JR.	R 060	AKPELE, IGNATIUS ESE	TS /VS 025
1110 W. MAIN STREET	A P AC	2114 MARRYAT COURT	A AC	PO BOX 306	AC
DURHAM 27701	919 682-9341	CHARLOTTE 28211	704 371-4056	NEW BERN 28560	919 633-1688
DAMS, CHARLES HUBERT	FP 023	ADKINS, NEAL ASHLEY	OBG 064	AKWARI, ANNE MICHEAUX	OM /IM 032
103 WATTERSON STREET	A AC	132 FOY DRIVE	A AC	IBM CORPORATION 657/205	A * AC
KINGS MOUNTAIN 28086	704 739-3681	ROCKY MOUNT 27801	919 443-6622	P. O. BOX 12195	
DAMS, ELIZABETH C.	032	ADKINS, TROGLER FRANCIS	OBG 016	RESEARCH TRIANGLE PK 27709	919 543-5508
200 CREST ST. APT. A-9	A S	ROUTE #4, BOX 301-B	A L/RT	AKWARI, ONYEKWERE E.	GS 032
CARRBORO 27510	919 967-7467	NEWPORT 28570	919 726-6662	BOX 3076, DUMC	A AC
DAMS, HARLEY STEWART	R 034	AGEE, ROBERT NELSON	GS 007	DURHAM 27710	919 684-5509
2710 ST. CLAIRE ROAD	A L/RT	302 S. MCCASKEY RD.	AC	ALBERGOTTI, JULIAN S., JR.	OM /FP 060
WINSTON-SALEM 27106	919 768-3555	WILLIAMSTON 27892	919 792-1055	SOUTHERN BELL MED. DEPT.	A * AC
				ROOM 414 SNC-PO BOX 30188	
				CHARLOTTE 28230	704 378-7320

ALBERS, CHARLES ALLEN 835 FLEMING STREET HENDERSONVILLE 28739	GS 045 A AC 704 692-0238	ALLEN, ELMS LEACH 3314 HEALY DR. STE. 107 WINSTON-SALEM 27103	HEM /ON 034 A AC 919 768-2521	ALSTON, MICHAEL CURTIS 405 HOLLY HILL RD. MURFREESBORO 27855	FP 008 AC 919 398-5167
ALBERTSON, DAVID ALLEN BOWMAN GRAY DEPT. OF SURGERY WINSTON-SALEM 27103	GS 034 A AC 919 748-4442	ALLEN, FRED HUNTLEY, JR. 2608 E. SEVENTH ST. CHARLOTTE 28204	N 060 A AC 704 377-9323	ALSUP, ROBERT MARTIN 175 CHARLOIS BLVD., STE. 101 WINSTON-SALEM 27103	OTO 034 A AC 919 768-3361
ALBRIGHT, BENJAMIN PHILLIPS, JR 1896 REMOUNT ROAD GASTONIA 28054	IM 036 A AC 704 867-0735	ALLEN, JAMES LATHAN 1821 GREEN STREET DURHAM 27705	OBG 032 A AC 919 286-1258	ALSUP, WILLIAM BYRN, JR. 261 WESTVIEW DR. SW WINSTON-SALEM 27104	OTO 034 A L/RT 919 724-0487
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ALDERMAN, EDWARD HATCHER P. O. BOX 278 FOUR OAKS 27524	IM /FP 051 A AC 919 963-3148	ALLEN, LOUIS DAVID 3001 ESSEX CIRCLE RALEIGH 27608	919 832-4448 PD 092 A AC	ALVA, JUAN 609 VICKERS AVENUE DURHAM 27701	GE /IM 032 AC 919 688-4748
ALDRICH, HARRY RANDOLPH BOX 31264, DUMC DURHAM 27710	032 A R 919 684-6761	ALLEN, MOLLY VIRGINIA 1120 MEDICAL CENTER DR. WILMINGTON 28401	919 782-0021 OPH 065 A AC	ALVARADO, TERESA LOIS 200 MEMORIAL DR. JACKSONVILLE 28540	OBG 067 A AC 919 353-2115
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ALEXANDER, JAMES FROSST 3535 RANDOLPH ROAD CHARLOTTE 28211	IM /GE 060 A AC 704 365-0760	ALLGOOD, JOHN WILLIAM, JR. 1503 PEBBLE DR. GREENSBORO 27410	919 683-1099 IM 041 A L/RT	AMES, DAVID ANTHONY 313 LONGMEADOW ROAD GREENVILLE 27834	P 074 AC 919 752-7151
ALEXANDER, JAMES MOSES 255 COLVILLE RD. CHARLOTTE 28207	IM 060 A L/RT 704 365-0760	ALLGOOD, DAVID BLAIR 1821 ELIZABETH AVE. WINSTON-SALEM 27103	919 723-6041 034 A S	AMES, RICHARD HAIGHT 2316 PRINCESS ANN ST. GREENSBORO 27408	NS 041 A * L/RT 919 288-0421
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ALEXANDER, MARGARET C. RT. #3, BOX 331, STE. 26A FAIRGROVE PROF. BLDG. HICKORY 28601	R 018 A AC 704 327-6342	ALMARIO, JOSELITO 500 N. ACADEMY ST. AHOSKIE 27910	919 551-4757 U 008 AC	ANAGNOST, JOHN WILLIAM 1515 DOCTORS CIRCLE WILMINGTON 28401	IM /HEM 065 A AC 919 763-5182
ALEXANDER, WILLIAM MCKINLEY P. O. BOX 627 HENDERSONVILLE 28739	IM 045 L/RT 704 692-7201	ALMIRALL, PETER DAVID OAK ISLAND MEDICAL CENTER 307 YAUPON DR. YAUPON BEACH 28461	919 332-6444 FP /OM 010 AC	ANDERSEN, SUSAN HOLLAR 1201 KENAN ST. WILSON 27893	074 A R 919 747-8189
ALFORD, JAMES DAVID 427 E. STATESVILLE AVENUE MOORESVILLE 28115	GS /TS 049 A P AC 704 663-4065	ALMKUIST, RALPH DURWOOD, II 1302 MEDICAL CENTER DRIVE WILMINGTON 28401	919 278-3316 NEP /IM 065 A P AC	ANDERSON, CARL ELVING 1702 VISTA ST. DURHAM 27701	P 032 A R 919 688-5373
ALI, SHAMSHAD 1200 MEDICAL CTR. #B MARION 28752	PD /NPM 059 AC 704 652-6386	ALMOND, CHARLES MALCOLM 1602 DOCTOR'S CIRCLE WILMINGTON 28401	919 763-3651 FP 065 A P AC	ANDERSON, DAVID DIXON P. O. BOX 313 MARS HILL 28754	ORS 023 919 487-1177
ALKHALDI, AOUS SALIM 104 TRANQUIL CIRCLE OXFORD 27565	R 039 A AC 919 693-5115	ALMQUIST, PERRY F. 1700 ABBEY PLACE CHARLOTTE 28209	919 763-5471 PD 060 A AC	ANDERSON, DUDLEY BUIST 1700 S. TARBORO ST. WILSON 27893	ON /HEM 098 A P AC 919 291-1300
ALLAN, JAMES THOMAS, JR. 3705 PRINCETON DRIVE GASTONIA 28054	R 036 A AC 704 866-2948	ALPERT, ERIC DAVID 3535 RANDOLPH ROAD CHARLOTTE 28211	704 523-7232 R 060 AC	ANDERSON, EDWARD EVERETT DUKE UNIVERSITY MEDICAL CTR. DURHAM 27710	U 032 A AC 919 684-3448
ALLEN, CYRIL ANTHONY P. O. BOX 14005 RALEIGH 27620	IM /HEM 092 AC 919 828-3466	ALQAIISI, MUNTHUR E. ECU SCHOOL OF MED. DEPT. OF RADIATION ONCOLOGY GREENVILLE 27834	704 365-0343 ON 074 A AC	ANDERSON, ELBERT CARL 3208 OLEANDER DR. WILMINGTON 28403	OPH 065 A L/RT 919 763-6265
ALLEN, DAVID GEOFFREY PINEHURST MEDICAL CLINIC PO BOX 551 PINEHURST 28374	ON /ON 063 A AC 919 295-5511	ALSENTER, ULRICH KARL REGIONAL REHABILITATION CTR. P. O. BOX 6028 GREENVILLE 27834	919 551-2900 PM 074 A AC	ANDERSON, JAMES DICK 1023 EDGEHILL ROAD, SOUTH CHARLOTTE 28207	OBG 060 A AC 704 373-1541
ALLEN, DAVID HENRY 1334 ASHLEY SQUARE WINSTON-SALEM 27103	CHP /P 034 AC 919 765-1866	ALSON, ROY LEE 4447 LAUREL OAKS DR. ALLISON PARK, PA 15101	919 551-4440 EM 034 R	ANDERSON, JAY ARTHUR 4114 LIVINGSTONE PLACE DURHAM 27707	AN 032 A R 919 489-2184
ALLEN, ELIZABETH 3333 CHAPEL HILL BOULEVARD DURHAM 27707	P 032 AC 919 489-3889		412 359-3131	ANDERSON, JOHN B., JR. 1018 COLLEGE STREET OXFORD 27565	FP 039 * AC 919 693-3972
				ANDERSON, KENT THOMAS 1704 S. TARBORO ST. WILSON 27893	IM 098 A AC 919 291-7001

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ANDERSON, LONDON BUTLER 1222 MEDICAL CENTER DRIVE WILMINGTON 28401	ORS 065 A AC 919 763-2977	ANTHONY, LUTHER LESLIE, JR. 1896 REMOUNT ROAD GASTONIA 28054	IM /CD 036 A AC 704 867-0736	ARRINGTON, JOHN HODGE, III 1608 VALLEYMEDE GREENSBORO 27410	PTH /DMP 041 A AC 919 379-4073
ANDERSON, LARRY GLENN 2203 STERLING ST. MORGANTON 28655	ORS 012 A P AC 704 437-6500	ANTLEY, CATHERINE M. 1119 HILLCREST ROAD CHAPEL HILL 27514	032 A S 919 968-1172	ARROWOOD, JOHN P., JR. 2307-D CLOVERDALE AVE. WINSTON-SALEM 27103	034 A * S 919 724-7794
ANDERSON, PAGE ALBERT WILLIS BOX 3218, DUKE MEDICAL CTR. DURHAM 27710	PDC 032 AC 919 684-2538	ANTLEY, RAY M., SR. 2201 S. STERLING ST. MORGANTON 28655	R 012 A AC	ARTHUR, ROBERT KEY P. O. BOX 5128 HIGH POINT 27262	OBG 040 A AC 919 887-3011
ANDERSON, RICHARD DAWSON 2001 VAIL AVE. CHARLOTTE 28207	R/NM 060 A AC 704 379-5860	ANTONAKOS, THEODORE P. O. BOX 8 DANBURY 27016	GS 034 A L 919 593-8276	ARTIS, ISAAC AMOS, JR. 114 ROANOKE PLACE P. O. BOX 7304 GREENVILLE 27834	IM 074 AC 919 756-6986
ANDERSON, ROBERT LOUIS 301 CENTRAL ROAD CLEMMONS 27012	OBG 034 AC 919 760-0444	ANTHONY, JOSE KANDANATT 238 OLD FARM ROAD P.O. BOX 1175 ROANOKE RAPIDS 27870	CD 042 AC 919 537-9268	ASHBURN, PHILIP EUGENE 3100 BLUE RIDGE RD. #300 RALEIGH 27612	IM/GE 092 A P AC 919 781-7500
ANDERSON, STEPHEN GRIFFITH 2927 LYNTHURST AVENUE WINSTON-SALEM 27103	OBG 034 A AC 919 765-9350	ANTOSZYK, ANDREW NICHOLAS 3116 STANFORD DRIVE DURHAM 27707	OPH 032 A R 919 489-3937	ASHFORD, CHARLES H., JR. 800 HOSPITAL DRIVE NEW BERN 28560	025 AC
ANDERSON, WILLIAM BANKS, JR. DUKE UNIVERSITY EYE CENTER DURHAM 27710	OPH 032 A * AC 919 684-3343	APLINGTON, JAMES PAGE 315 W. WENDOVER AVENUE GREENSBORO 27408	ORS 041 A AC 919 275-0724	ASHLEY, GALE JACKSON DOCTOR'S OFFICE BUILDING SPARTA 28675	FP 003 AC 919 372-4644
ANDERSON, TERESA T. 104 SILO COURT CARY 27511	032 A S 919 481-1752	APPERT, ROBERT ALBERT 1700 S. TARBORO STREET WILSON 27893	ORS 098 A AC 919 291-1300	ASKAR, ABDULLAH ONSY H-STREET, #33 BUTNER 27509	P/FP 032 A R 919 575-9005
ANDRACCHIO, VINCENT CHARLES 3709 WESTRIDGE CIRCLE DR. ROCKY MOUNT 27804	AN 064 AC 919 443-8038	APPLER, MARK LEE P. O. BOX 1547 MT. AIRY 27030	GE /IM 086 A AC 919 786-6196	ASKARY, NASSER AGHA PO BOX 1715 ROCKINGHAM 28379	OBG /END 077 A AC 919 997-3151
ANDRESEN, JEFFRY JOHN NCMH, 234 WING C-PSYCHIATRY CHAPEL HILL 27514	PYA /P 032 A AC 919 966-3378	AQUADRO, CHARLES FRASURE 326 FRONT STREET BEAUFORT 28516	GP /OM 016 * AC 919 728-5141	ASKEW, ANNE PRESTON 4016 BARRETT DR., STE. 101 RALEIGH 27609	PD 092 A AC 919 781-2438
ANDREW, RAYMOND HALL 779 OAKLAWN AVE. WINSTON-SALEM 27104	P 034 A AC 919 768-4730	ARANA, GUILLERMO FERNANDO 975 WALNUT ST., STE. 255 CARY 27511	FP /PTH 092 AC 919 467-4141	ASRAEL, GERSON 1350 KINGS DRIVE CHARLOTTE 28207	U 060 AC 704 372-8750
ANDREW, WALLACE F., JR. 3515 GLENWOOD AVE. PO BOX 10707 RALEIGH 27605	ORS /HS 092 A AC 919 781-5600	ARCHIE, JOSEPH PATRICK, JR. 3020 NEW BERN AVE. #560 RALEIGH 27610	CDS 092 A AC 919 781-5335	ASSEVERO, MICHAEL LAWRENCE 1502 PRINCESS ST. WILMINGTON 28401	OBG 065 A AC 919 762-8662
ANDREWS, BOB BARCUS P. O. BOX 847 LUMBERTON 28359	PTH 078 A AC 919 738-6441	ARENA, JAY MORRIS DUKE HOSPITAL, BOX 3024 DURHAM 27710	PD 032 A * L 919 684-6138	ASSIMOS, DEAN GEORGE BOWMAN GRAY SCH. OF MEDICINE WINSTON-SALEM 27103	U 034 A AC 919 748-4131
ANDREWS, D. SCOTT 1900 RANDOLPH RD. STE. 206 CHARLOTTE 28207	CDS /TS 060 A AC 704 372-1306	AREDALE, STEPHEN SYDNES STE. 301, 445 BILTMORE CENTER ASHEVILLE 28801	DR /NM 011 A AC 704 254-2371	ATASSI, INAD BADREDDIN 101 ROBESON ST. STE. 410 FAYETTEVILLE 28301	NS 026 A AC 919 483-5050
ANDREWS, ELLEN PO BOX 1749 PINEHURST 28374	N/P 063 AC 919 295-6868	AREY, JOHN VINCENT 1054 BURRAGE ROAD, N. E. CONCORD 28025	GYN 013 A AC 704 788-4151	ATCHLEY, WILLIAM D. 109 AIRPORT RD. KINSTON 28501	IM 054 A AC 919 522-3661
ANDREWS, LEON POLK 1902 DRUID LANE WILMINGTON 28403	IM 065 A RT 919 343-0167	ARI, ABDULLAH NECIP 300 LABANS LANE LINCOLTON 28092	OBG 055 A AC 704 732-0777	ATHEY, GEORGE RICHARD 3004 BRIARCLIFF DRIVE GREENVILLE 27834	IM 074 A S 919 756-8793
ANDREWS, PAUL STEPHEN 2609 N. DUKE ST. STE. 204 DURHAM 27704	OBG 032 A AC 919 471-8402	ARAIL, JERRY NOLAN 390 S. FRENCH BROAD AVE. ASHEVILLE 28801	D 011 A * AC 704 252-3576	ATKINS, JAMES NORMAN 201 COX BOULEVARD GOLDSBORO 27530	ON /IM 096 AC 919 734-9455
ANDREWS, ROBERT JACKSON 5305 WRIGHTSVILLE AVENUE WILMINGTON 28403	IM 065 A * AC 919 791-2626	ARKIN, ROY MARC 721 GREEN VALLEY RD. GREENSBORO 27408	GS 041 A AC 919 275-2889	ATKINS, WILLIAM SHAFFER 907 STATE FARM ROAD BOONE 28607	OPH 095 AC 704 262-1554
ANDREWS, ROBERT WILLIAM 923 BROAD ST. DURHAM 27705	U 032 A AC 919 286-1297	ARMISTEAD, HOWARD LACY, JR. 2108 S. SEVENTEENTH STREET WILMINGTON 28401	FP /OM 065 A AC 919 762-7776	ATKINSON, ALVAN WILLIAM 3400 EXECUTIVE DR. STE. 102 RALEIGH 27609	CDS /TS 092 A P AC 919 872-8080
ANDREWS, SUSAN DEBORAH 2314 WILSON STREET DURHAM 27705	FP 032 R 919 286-4079	ARMISTEAD, RAY BAXTER TRIANGLE PLAZA P. O. BOX 1694 NEW BERN 28560	ORS 025 A AC 919 633-3256	ATKINSON, SAMUEL MARVIN, JR. 1401 E. FIFTH ST. GREENVILLE 27858	OBG 074 A AC 919 551-4669
ANDREWS, THOMAS J. 1612 ASHEVILLE HWY, STE. 4 HENDERSONVILLE 28739	P 045 A AC 704 697-2673	ARMSTRONG, BEVERLY WELLER 3034 HAMPTON RD. CHARLOTTE 28207	OT 060 A L/RT 704 377-2267	ATSTUPENAS, ELIOT ANTHONY STRATFORD HILLS APTS. 12-D CHAPEL HILL 27514	032 A S 919 929-9907
ANDREWS, VERNON LILES RT. #2, BOX 2049-A MOUNT GILEAD 27306	FP 062 A L/RT 919 439-5516	ARMSTRONG, BRUCE GRIFFEY 1 DOCTOR'S PARK ASHEVILLE 28801	U 011 A AC	ATWATER, JOHN SPENCER, JR. 390 S. FRENCH BROAD AVE. ASHEVILLE 28801	A/PD 011 A * AC 704 254-5366
ANDRINOPOULOS, GEORGE C. 1900 RANDOLPH RD. STE. 804 CHARLOTTE 28207	OBG /NPM 060 P AC 704 372-5800	ARMSTRONG, MICHAEL, JR. 4335-B AMERICAN DR. DURHAM 27705	032 A S	AU, VICTOR K. 1214 VAUGHN RD., STE. B BURLINGTON 27215	PS 001 A * AC 919 227-5440
ANDRUS, THOMAS ROSS, JR. 6104 VALLEY FIELD CIRCLE RALEIGH 27612	D 092 A AC 919 782-3782	ARNEY, GERALD WAYNE GASTON RAD. MED. BLDG. P. O. BOX 1495 GASTONIA 28052	DR 036 A AC 704 864-4378	AUL, CHRISTOPHER TAYLOR 4092 PROFESSIONAL DR. HOPE MILLS 28348	FP 026 AC 919 424-0123
ARAJ, BELA LAROA 210 CHURCHILL DRIVE GREENVILLE 27834	IM 074 A R 919 756-4147	ARNEY, WILLIAM CHARLES 214 WEST PARK DR. MORGANTON 28655	FP 012 A L/RT 704 437-2972	AUMAN, EDWIN LEWIS 624 QUAKER LANE, SUITE 210-A HIGH POINT 27262	IM 040 A P AC 919 841-8822
ARIELLO, JOHN CHARLES DUKE MEDICAL CENTER DIV. OF PLASTIC SURGERY DURHAM 27710	MFS 032 A AC 919 684-2943	ARNOLD, GORDON BRUCE 624 QUAKER LANE, STE. 213-B HIGH POINT 27262	IM 040 A AC 919 883-4132	AUMAN, GEORGE LOUIS 3900 BROWNING PLACE RALEIGH 27609	PD 092 AC 919 787-0266
ARIGO, JEAN NICHOLAS BOWMAN GRAY, DEPT. OF PTH WINSTON-SALEM 27103	NA /PTH 034 A AC 919 748-4311	ARNOLD, ROBERT EDGAR 10724 PARK RD. CHARLOTTE 28210	FP 060 A AC 704 542-6577	AUSTIN, ERLE HARRIS, III DIV. OF CARDIAC SURGERY ECU SCHOOL OF MEDICINE GREENVILLE 27834	CDS /TS 074 A AC 919 551-4822
ARMSTRONG, WILLIAM GEORGE BOX 3701, DUMC DURHAM 27710	GS 032 A AC 919 684-3438	ARNOLD, TERRY VINCENT 13 MEDICAL PARK DR. LEXINGTON 27292	IM 029 A P AC 704 249-7051	AUSTIN, FREDERICK DA COSTA, III 615 E. 12TH STREET WASHINGTON 27889	IM /ID 007 AC 919 946-2101

AUSTIN, HENRY VANN PINEHURST MEDICAL CLINIC PO BOX 551 PINEHURST 28374	RHU 063 A AC 919 295-5511	BAILEY, GEORGE TILLMAN 212 OLD COLONY WAY ROCKY MOUNT 27801	DR 064 P AC 919 443-8083	BALL, JAMES DALE DIV. OF NUCLEAR MEDICINE WINSTON-SALEM 27103	NM 034 A AC 919 748-3520
AUSTIN, ROBERT GRAY, JR. 1410 FRANKLIN ST., EAST MONROE 28110	OPH 090 A AC 704 289-5455	BAILEY, HILDA HART 102 MOCKSVILLE AVENUE SALISBURY 28144	PD 080 A AC 704 633-3727	BALL, MARSHALL RAY BOWMAN GRAY, DEPT. OF RAD. WINSTON-SALEM 27103	DR 034 A AC 919 748-4435
AUSTIN, STEPHEN BRAUNER 414 N. CHURCH STREET HENDERSONVILLE 28739	IM 045 A P AC 704 693-1768	BAILEY, JOHN BENNETT 131 MCDOWELL STREET ASHEVILLE 28801	PD 011 AC 704 254-4337	BALLARD-BARBASH, RACHEL M. 1900 BRUNSWICK AVE. CHARLOTTE 28207	NTR 060 AC 704 372-8750
AUSTIN, WALTER KENNETH, JR. 1960 RANDOLPH ROAD CHARLOTTE 28207	CD 060 A AC 704 373-1503	BAILEY, JOHN RICHARD 205 W. 29TH STREET LUMBERTON 28358	OPH 078 A AC 919 738-4856	BALLARD, HARRY HAMPTON 800 HOSPITAL DR. STE. #6 NEW BERN 28560	GS/CDS 025 AC 919 633-208
AUSTIN, WILLIAM ELLIOT 1830 HAWTHORNE ROAD WINSTON-SALEM 27103	GE/IM 034 A AC 919 765-0463	BAIRD, ROBERT WOODWARD 611 FIFTH AVE. WEST HENDERSONVILLE 28739	FP 045 AC 704 697-1508	BALLEN, PATRICK LASELVE 721 GREEN VALLEY RD. GREENSBORO 27408	GS 04 A AC 919 378-1583
AVERETT, LELAND STANLEY, JR. 700 N. ELM STREET HIGH POINT 27662	FP 040 AC 919 882-1324	BAIRD, HARRY HAYNES 1012 KINGS DRIVE CHARLOTTE 28283	U 060 A L 704 334-6449	BALLENGER, CLARENCE EUGENE, III 227 MEMORIAL DRIVE. JACKSONVILLE 28540	N 067 A P AC 919 353-3625
AVERY, ELEANOR ELIZABETH RT. #2, BOX 305 GREENVILLE 28734	S 074 A S 919 752-0569	BAIRD, HAYNES WALLACE 1200 N. ELM STREET GREENSBORO 27401	PTH/CLP 041 A AC 919 379-4074	BALLENGER, CLAUDE NEWTON, JR. 1003 N. SIXTH STREET ALBEMARLE 28001	PD 084 AC 704 982-2133
AVERY, FRANK WALTON RALEIGH COMMUNITY HOSP. PO BOX 28280 RALEIGH 27611	PTH 092 A AC 919 872-4800	BAIRD, JAMES HAMILTON 1624 MEMORIAL DRIVE BURLINGTON 27215	OBG 001 A AC 919 226-7386	BALLENTYNE, KEITH PO BOX 36351 1620 SCOTT AVE. CHARLOTTE 28236	AN 060 AC 704 377-5772
AYCOCK, PERRY WILLIAM, JR. 1896 REMOUNT ROAD GASTONIA 28054	IM/GE 036 A AC 704 867-0735	BAKER, BERNIE BALLINGTON, SR. EDENTON OB-GYN CENTER, PA P. O. BOX 990 EDENTON 27932	OBG 021 A AC 919 782-7407	BALLOCH, MOHAMMAD HAROON 2800 BLUE RIDGE BLVD. STE. 402 RALEIGH 27607	FP 092 A AC 919 787-0486
AYCOCK, WILLIAM GLENN 202 S. FIFTH STREET MEBANE 27302	FP 001 A AC 919 563-9341	BAKER, CHARLES SCOTT, III RT. #1, BOX 93 GREENVILLE 27834	FP 074 AC 919 747-2921	BALSLEY, ROBERT EUGENE 825 CRESCENT DRIVE REIDSVILLE 27320	EM/PD 079 A AC 919 349-6335
AYERS, JAMES SALISBURY PROFESSIONAL BUILDING CLINTON 28328	FP 082 A L 919 592-2541	BAKER, DAVID STANFORD, II 2600 E. 7TH ST. PO BOX 35228 CHARLOTTE 28235	ORS/HS 060 A AC 704 372-9820	BALTIMORE, CHAS. LITTLEBURG, JR 211 N. MARKET STREET WASHINGTON 27889	OPH 007 AC 919 946-2171
AYSCUE, LANIER HASTY 813 EMORY DR. CHAPEL HILL 27514	032 A S 919 968-0516	BAKER, EDGAR 510-A FLEMING STREET HENDERSONVILLE 28739	FP 045 AC 704 693-9973	BANDY, LAWRENCE C. ECU SCHOOL OF MED. DEPT. OF OB-GYN GREENVILLE 27834	GYN/ON 074 AC 919 551-4201
AZZATO, JOHN ANTHONY 112 N. HOWE STREET SOUTHPORT 28461	ORS 010 A AC 919 457-4789	BAKER, HERBERT MARVIN 546 MORGAN ROAD EDEN 27288	FP 079 A AC 919 627-1129	BANKOV, ROBERT WILLIAM 519 MARGARET RD. STATESVILLE 28677	EM 023 A AC 704 872-3339
BACH, PHILIP JOHN 120 PROVIDENCE ROAD CHARLOTTE 28207	ORS 060 A AC 704 377-0351	BAKER, HORACE MITCHELL, JR. P. O. BOX 1171 LUMBERTON 28358	GS 078 AC 919 738-8571	BARADA, FRANC A., JR. 2609 N. DUKE ST. DURHAM 27704	RHU/IM 032 A AC 919 477-5179
BACHL, FREDERICK JOSEPH 720 GROVE STREET SALISBURY 28144	PD 080 AC 704 636-5576	BAKER, JOAN MARGO 105 AIRPORT RD. KINSTON 28501	OBG 054 AC 919 523-8383	BARBASH, ANDREW JEFFREY 1900 BRUNSWICK AVE. CHARLOTTE 28207	N 060 AC 704 377-9323
BACHMAN, DAVID STANLEY 1202 MEDICAL CENTER DR. WILMINGTON 28401	065 N/CHN AC 919 341-3359	BAKER, JOHN HARRISON WILLIAMSBURG, VA BAKER, JOHN WOODWARD CHARLOTTE MEMORIAL HOSPITAL P. O. BOX 32861 CHARLOTTE 28232	OBG 092 P AC 919 627-1129	BARBEE, LEWIS ELISHA 4928 SYLVANGLADE ROAD MCLEANSVILLE 27301	GP 041 A P AC 919 375-3434
BACON, DAVID SCOTT 311 S. LASALLE ST. 49H DURHAM 27705	032 A S 919 286-7883	BAKER, KRISTINE D. 516 CHATEAU APTS. CARRBORO 27510	EM/IM 060 AC 704 338-3181	BARBER, ALFRED JOSEPH 1134 N. ROAD STREET ELIZABETH CITY 27909	AC 070 A AC 919 338-5183
BACON, HAROLD LYLE 948 RICHMOND BRYSON CITY 28713	GP 087 A L 704 488-2105	BAKER, LENOX DIAL BOX 3706, DUMC DURHAM 27710	032 A S 919 968-1260	BARBER, JOHN FRANCIS 157 WINDSOR RD. ASHEVILLE 28804	GYN 011 A L/RT 704 253-4821
BADAWI, RAOUF FAHMY 522 N. ELAM AVE., STE. 203 GREENSBORO 27403	P 041 AC 919 854-2391	BAKER, LINNY MARSHALL 40 ARDSLEY AVENUE, N.E. CONCORD 28025	ORS 032 A L/RT 919 684-2628	†BARBER, TRACY EZRA 3009 LOOKOUT COURT DECEASED - 4-87 WINSTON-SALEM 27106	OM 034 A 919 768-0555
BAGGETT, HENRY CLIFFORD 2420 PROFESSIONAL DR. P. O. BOX 7099 ROCKY MOUNT 27804	OTO 064 A P AC 919 937-4100	BAKER, MARK EARLY DUMC, BOX 3808 DURHAM 27710	PD/A 013 A AC 704 782-1918	BARBORIAK, PETER N. 2748 MIDDLETON #14B DURHAM 27705	032 A S 919 383-8849
BAGGETT, JOHN ROBERT 702 NEWMAN ROAD MCCARTHY SQUARE NEW BERN 28560	IM 025 A AC 919 633-5333	BAKER, MARVIN I. PO BOX 1047 EDENTON 27932	DR 032 A AC 919 681-2711	BARDELAS, JOSE ANTONIO, JR. 100 WESTWOOD AVE. HIGH POINT 27262	A/PD 040 AC 919 883-1393
BAGGETT, JOSEPH WOODROW P. O. BOX 53514 FAYETTEVILLE 28305	OBG 026 L 919 485-1191	BAKERMAN, SEYMOUR 2902 MEMORIAL DRIVE GREENVILLE 27834	R/NM 021 A P AC 919 482-8446	BARDEN, GRAHAM ARTHUR, III 707 PROFESSIONAL DR. NEW BERN 28560	PD 025 AC 919 633-2900
BAGLEY, CARTER SNOW 131 MCDOWELL STREET ASHEVILLE 28801	OTO/HNS 011 A AC 704 254-3517	BAKEWELL, WILLIAM ERNEST, JR. N. C. MEMORIAL HOSPITAL CHAPEL HILL 27514	PTH 074 A AC 919 551-2801	BARDEN, GRAHAM ARTHUR, JR. 707 PROFESSIONAL DRIVE NEW BERN 28560	PD 025 AC 919 633-2900
BAGWELL, ROBERTA L. 1811 ELIZABETH AVE. WINSTON-SALEM 27103	034 A S 919 722-3154	BALDWIN, MARIE PO BOX 173 DUE WEST, SC 29639	P 032 A AC 919 966-4551	BAREFOOT, JENNIFER ANNE COATS 2016 ALTA AVE. LOUISVILLE, KY 40205	074 A S 919 758-4460
BAHNSON, EDWARD REID 2725 WINDSOR ROAD WINSTON-SALEM 27104	IM/OM 034 A L/RT 919 768-7784	BALE, CHARLES STEPHEN 2620 CELANESE RD. #H ROCK HILL, SC 29730	P/PN 011 A L/RT 919 276-7727	BAREFOOT, JULIUS JACKSON, III 2016 ALTA AVE. LOUISVILLE, KY 40205	EM 074 A F 502 451-7111
BAILEY, CLARENCE ALMON, JR. 1824 HILLDALE ROAD DURHAM 27705	PD/AI 032 AC 919 286-2202	BALES, DONALD WEESNER, JR. PO BOX 7828 ROCKY MOUNT 27804	OBG 060 A P R 803 324-7606	†BAREFOOT, SHERWOOD W. 3107 MADISON AVE. DECEASED - 4-20-87 GREENSBORO 27403	IM 064 AC 919 299-8629
BAILEY, CLAUDE FLETCHER 1142 N. ROAD STREET ELIZABETH CITY 27909	OBG 070 A AC 919 338-3914	BALL, FRANK JERVEY, JR. 601 LAUCHWOOD DR. LAURINBURG 28352	IM 083 A AC 919 276-7727	BAREFOOT, VERA YOUNG 2504 OLD CHERRY POINT ROAD NEW BERN 28560	PH 02 A 919 637-557

AREFOOT, WILLIAM FREDERICK P. O. BOX 573 WHITEVILLE 28472	GS 024 A L/RT 919 642-3256	BARRINGER, THADDEUS JONES, JR. 3900 BROWNING PL., STE. 201 RALEIGH 27609	P 092 A AC 919 787-7125	BATES, PAUL KENNETH, JR. FIRST PLAZA -- BOX 700 1985 TATE BOULEVARD, S.E. HICKORY 28602	PD 018 A AC 704 322-2550
ARHAM, BERLIN FRANCIS, JR. 301 HAWTHORNE LANE CHARLOTTE 28204	CDS /TS 060 A AC 704 375-8413	BARRINGER, THOMAS AVERY, III 10724 PARK ROAD, EXT. CHARLOTTE 28210	FP 060 A AC 704 542-6577	BATTIE, HUBERT ELMORE CAPE FEAR VALLEY HOSPITAL FAYETTEVILLE 28302	R 026 AC 919 323-2012
ARISH, CHARLES FRANKLIN 3100 BLUE RIDGE RD., STE. 300 RALEIGH 27612	IM /GE 092 A P AC 919 748-4601	BARRON, BRUCE JOSEPH 901 N. THIRD ST. PO BOX 1398 ALBEMARLE 28001	GS 084 AC 919 982-0161	BATTEN, WOODROW 601-B N. EIGHTH STREET SMITHFIELD 27577	IM 051 AC 919 934-8977
ARKER, CAROLYN E. CULBRETH 1028 COLLEGE STREET OXFORD 27565	P 039 A AC 919 693-3003	BARRON, JOHN ISAAC P. O. BOX 489 MORGANTON 28655	FP 012 A L 704 437-5641	BATTLE, CONSTANCE Y. 3613 HAWORTH DR. RALEIGH 27609	OBG 092 AC 919 781-5550
ARKER, DAVID BERT 808 N. WASHINGTON ST. SHELBY 28150	U 023 A P AC 704 484-0117	BARROW, ROY DOUGLAS 2-J COURTNEY SQUARE GREENVILLE 27858	074 A S 919 756-3746	BATTLE, MARGARET E. WHITE 521 PEACHTREE STREET ROCKY MOUNT 27801	GYN 064 A L 919 442-2414
ARKER, JULIAN 408 PARKWAY GREENSBORO 27401	GYN 041 A P AC 919 378-1110	BARRY, DAVID WALTER BURROUGHS WELLCOME CO. 3030 CORNWALLIS ROAD RESEARCH TRIANGLE PK 27709	IM /ID 032 A AC 919 248-4534	BATTLE, NEWSOM PITTMAN 100 NASH MEDICAL ARTS MALL ROCKY MOUNT 27801	GS 064 A L 919 442-2414
ARKER, MARSHALL JAY 400 GLENWOOD AVE. STE. #15 KINSTON 28501	OBG 054 AC 919 527-7208	BARRY, PAUL DOUGLAS #2 WALDRON COURT GREENSBORO 27408	DR /NM 041 A AC 919 288-9346	BATTS, MARK BURREL RT. #8, BOX 269 GREENVILLE 27834	074 A S 919 752-3648
ARKER, ROGER WILLIAM 702 HARTNESS ROAD STATESVILLE 28677	OTO /HNS 049 AC 704 873-5224	BARRY, WILLIAM 3322 MELROSE ROAD FAYETTEVILLE 28304	EM /FP 026 A AC 919 323-5880	BAUCOM, MARY PADGETT PO BOX 32861 CHARLOTTE 28232	IM 060 A AC 704 338-3165
ARKER, RUDY WATKINS 2609 N. DUKE ST., STE. 204 DURHAM 27704	OBG 032 A AC 919 471-8402	BARTELS, GEORGE THOMAS 1201 AVERSBO ROAD GARNER 27529	FP /NTR 092 A AC 919 779-6330	BAUCOM, SANDRA SASSER RT. #7, BOX 34B WHITEVILLE 28472	PD 024 A AC 919 642-6244
ARKLEY, KARL LEE 1305 W. WENDOVER AVENUE GREENSBORO 27408	OBG 041 A AC 919 273-2835	BARTELT, CURTIS FREDERICK 6725 FAIRVIEW ROAD CHARLOTTE 28210	FP 060 AC 704 365-0677	BAUER, JOHN MONTGOMERY ROUTE #2, BOX 197 CONOVER 28613	PTH 018 A AC 704 322-3821
ARNES, MAJOR RUSSELL, JR. 200 MEMORIAL DR. JACKSONVILLE 28540	OBG /FP 067 A AC 919 353-0759	BARTH, GEORGE BITTMAN, II 405 S. MAIN ST. P. O. BOX 665 RAEFORD 28376	FP 047 A AC 919 875-5101	BAUGHAM, ILA EVANS DOCTOR'S BLDG., 8TH ST. PO BOX 309 NORTH WILKESBORO 28659	PD 097 AC 919 838-7466
ARNES, ROBERT STEPHEN 228 CHERYL AVE. DURHAM 27712	P 032 A AC 919 477-3459	BARTHOLOMEW, CYNTHIA L. 7108 PINEVILLE-MATTHEWS RD. CHARLOTTE 28226	PD 060 AC 704 542-1952	BAUGHAM, LEONARD ANDREW P. O. BOX 1146 NORTH WILKESBORO 28659	GS 097 AC 919 667-4718
ARNES, VICTOR RUSSELL 111 N. MEADE ST. GREENVILLE 27834	074 A S 919 758-1547	BARTLETT, EDWIN CLARY #6 MEDICAL PAVILION GREENVILLE 27834	ORS 074 A AC 919 752-4613	BAUMAN, ROC WINSTON 102 SIDNEY GREEN ST. CHAPEL HILL 27514	032 A S 919 929-5454
ARNHARDT, ALBERT EARL 2100 S. MAIN ST., #57 KANNAPOLIS 28081	GP 013 A L/RT 704 938-4388	BARTLETT, STEPHEN RUSSELL 208 N. LONGMEADOW ROAD GREENVILLE 27834	GS 074 A L/RT 919 752-3218	BAUMRUCKER, JOHN FREDERICK P. O. BOX 1060 HIGHLANDS 28741	FP 056 AC 704 526-2125
ARNHARDT, LUTHER ERNEST, JR. 900 MEDICAL CT., STE. A 100 RANKIN DR. MARION 28752	R /NM 011 A AC 704 652-4630	BARTON, FORBES MARSHALL, JR. 2115 E. 7TH ST., STE. 103 CHARLOTTE 28204	GS 060 AC 704 375-3728	BAXLEY, MARY JOHN 1008 PROFESSIONAL VILLAGE GREENSBORO 27401	IM /PD 041 A AC 919 299-0000
ARNHILL, LARRY JARRETT, JR. 190 CHARLOIS BLVD. WINSTON-SALEM 27103	CHP /P 034 A AC 919 768-6930	BARTON, JOHN HOMER, JR. 160 SARATOGA ST. WINSTON-SALEM 27103	034 A S 919 765-7946	BAYLIN, GEORGE JAY 2535 WRIGHTWOOD AVENUE DURHAM 27705	DR /OTO 032 A L/RT 919 489-9637
ARR, FALVY CARL, JR. 404 BUTLER DRIVE CLINTON 28328	PTH /FOP 082 A AC 919 592-8511	BARWICK, WILLIAM JAMES BOX 3098, DUMC DURHAM 27710	PS 032 A AC 919 684-3320	BEALS, MARTIN FEARING, JR. 78 MEADS STREET ELIZABETH CITY 27909	PD 070 AC 919 338-2155
ARR, JOHN FINDLEY CLEVELAND FAMILY PRACTICE PO BOX 295 CLEVELAND 27013	080 AC	BASHFORD, ROBERT ALONZO 2215 CANTERWOOD DRIVE WILMINGTON 28401	OBG 065 AC 919 343-1031	BEAMER, MARK EDWARD 119 FLETCHER PL. GREENVILLE 27834	074 A S 919 758-2290
ARRETT, GEORGE CARLYLE 958 CHEROKEE ROAD CHARLOTTE 28207	R 060 A AC 704 371-4056	BASKIN, JAYNE FRANCES 32F ARLINGTON SQUARE GREENVILLE 27858	074 A S 919 756-5256	BEANE, SCOTT DOUGLAS 3-I COURTNEY SQUARE APTS. GREENVILLE 27858	074 A S 919 758-5617
ARRETT, JOHN ALBERT, JR. 3535 RANDOLPH ROAD, #200 CHARLOTTE 28211	IM /RHU 060 A AC 704 366-8240	BASS, DAVID ALDEN BOWMAN GRAY, DEPT. OF IM WINSTON-SALEM 27103	ID /IM 034 AC 919 748-4246	BEAR, SIGMOND AARON 3712-B RESTON COURT WILMINGTON 28403	GYN 065 AC 919 686-9565
ARRETT, ROLLAND JOHN, II 300 S. HAWTHORNE RD. WINSTON-SALEM 27103	GYN /ON 034 A AC 919 748-2011	BASS, SPENCER PIPPEN, JR. P. O. BOX 605 TARBORO 27886	PTH 064 A AC 919 823-3114	BEARD, JOHN NICHOLS 1350 KINGS DRIVE CHARLOTTE 28207	OM /PD 060 AC 704 372-8750
ARRICK, HARRY W., JR. 1900 HIGHLAND PL. RALEIGH 27607	FP 092 A AC 919 787-4429	BASS, THOMAS RECTOR P. O. BOX 849 CLAYTON 27520	FP 051 A AC 919 553-7158	BEARDSLEY, THOMAS LEWIS 3-C DOCTOR'S PARK ASHEVILLE 28801	OPH 011 AC 704 253-9821
ARRIER, CECIL LEE, SR. ROUTE #3, BOX 105 LAWNDALE 28090	GP 023 A AC 704 538-7891	BASSETT, FRANK HOUSTON, III DUKE UNIV. MED. CTR. DURHAM 27710	ORS 032 A AC 919 684-4378	BEASLEY, CHARLES BRITTON KINSTON CLINIC, NORTH KINSTON 28501	OTO 054 A AC 919 523-0687
ARRINGER, ARCHIBALD LIPE BOX 278 MOUNT PLEASANT 28124	FP 013 A L/RT 704 436-9929	BATCHELLER, EDGAR HADLEY, JR. P. O. BOX 1000 JACKSONVILLE 28540	GS /TS 067 A AC 919 353-2194	BEASLEY, CHARLES RONALD 206 W. 27TH STREET LUMBERTON 28358	IM /PUD 078 A AC 919 738-1421
ARRINGER, MICHAEL LYNN 104 MEADOWBROOK LANE SHELBY 28150	GS 023 A P AC 704 482-6359	BATE, DAVID SOULE, JR. 1812 HENDERSONVILLE RD. ASHEVILLE 28806	FP 011 AC 704 684-0011	BEASON, EDWARD STEWART 1732 S. HAWTHORNE ROAD WINSTON-SALEM 27103	PS 034 A AC 919 765-3540
ARRINGER, PHIL LOUIS P. O. BOX 968 MONROE 28110	GS 090 A L 704 283-2738	BATEMAN, WALLACE BRYSON, JR. 309 WALNUT CREEK DRIVE GOLDSBORO 27530	EM 096 AC 919 778-6205	BEATTY, PETER T. 2335 HURON CIRCLE DURHAM 27707	032 A S 919 493-9131
ARRINGER, ROBERT PHILLIPS 896 REMOUNT ROAD ASTONIA 28054	IM 036 A AC 704 867-0730	BATES, HAROLD BASCOM 1610 VAUGHN ROAD BURLINGTON 27215	U 001 A AC 919 227-2761	BEAVER, ROBERT HOWELL 109 COUNTRY CLUB DR. CONCORD 28025	ORS 013 A AC 704 786-5122
ARRINGER, THAD JONES 900 BROWNING PL., STE. 201 RALEIGH 27609	P 092 A P AC 919 787-7125			BEAVERS, CHARLES LEE 100 MEADOWBROOK TERRACE GREENSBORO 27408	AN 041 A L/RT 919 273-1066

BEAVERS, JAMES WALLACE 2206 W. MARKET ST. GREENSBORO 27403	GP 041 A L/RT 919 272-3487	BELL, MICHAEL JOHN 2001 VAIL AVENUE CHARLOTTE 28207	R/NM 060 A AC 704 379-5860	BENTZEL, CARL JOHAN ECU DEPT. OF RENAL MED. GREENVILLE 27858	IM /NEP 074 A AC 919 551-2545
BEAZLEY, MARGIE LANE 13 HAMILTON ROAD CHAPEL HILL 27514	032 A S 919 942-2779	BELL, RALPH MONROE 8223 BONDS GROVE CHURCH RD. WAXHAW 28173	IM 060 L/RT 704 377-6569	BERGANT, JAMES ALLEN 2609 N. DUKE ST., SUITE 302 DURHAM 27704	U 032 A AC 919 471-8423
BECHERER, PAUL ROBERT 11 COTTAGEWOODS CT. DURHAM 27713	032 R 919 967-7792	BELL, RICHARD ALAN 3804 BUTLER ROAD NEW BERN 28560	PD 025 AC 919 633-2900	BERGER, BRUCE R. ECU, DEPT. OF PSY, BRODY BLDG. GREENVILLE 27858	CHP /P 074 AC 919 551-2660
BECHTOLDT, ALBERT ARTHUR, JR. UNC, DEPT. OF ANES. CHAPEL HILL 27514	AN 032 A AC 919 966-5136	BELL, WILLIAM HARRISON, JR. P. O. BOX 2065 NEW BERN 28560	DR /NM 025 A AC 919 633-5057	BERGER, FREDERICK ALLEN 28 RIVERVIEW STREET, #114 FRANKLIN 28734	PD 056 AC 704 524-8474
BECK, J. MONTGOMERY 820 FOREST OAKS LANE MEBANE 27302	FP /U 001 L/RT 919 563-2450	BELL, WILLIAM OSGOOD BOWMAN GRAY, DEPT. OF NS WINSTON-SALEM 27103	NS 034 A AC 919 748-4047	BERGER, GARY STERLING 109 CONNER DR., STE. 2104 CHAPEL HILL 27514	OBG /PH 032 A AC 919 968-4656
BECK, PAUL VIRGINIA MASON CLINIC 1100 NINTH AVE. SEATTLE, WA 98101	GER /IM 092 A AC 206 223-6707	BELL, WILLIS HARVEY, II 2027 WAWA AVENUE DURHAM 27707	IM /PUD 032 A RT 919 493-1048	BERGERON, JOSEPH CHARLES, JR. 102 WILSHIRE BOULEVARD WILSON 27893	PTH 098 A P AC 919 399-8114
BECK, ROBERT KENT 20 W. FIFTH AVE. LEXINGTON 27292	OTO 029 AC 704 246-8660	BELLAMY, WILLIAM EDWARD, JR. 3101 ESSEX CIRCLE RALEIGH 27608	IM /PUD 092 A P AC 919 782-2631	BERGSTAIN, JACK MARSHALL PO BOX 32861 CHARLOTTE 28232	GS 000 A R 704 525-6010
BECKER, DENIS I. 3410 EXECUTIVE DR., SUITE 205 RALEIGH 27609	END /IM 092 A AC 919 876-7692	BELLOWS, ROWLAND THOMPSON 3529 PARK ROAD CHARLOTTE 28209	NS 060 A L/RT	BERKELEY, SCOTT BRUCE, JR. 2400 WAYNE MEM. DR. STE. E GOLDSBORO 27530	GS 096 A AC 919 735-6021
BECKHAM, DAVID ROBERTSON 1762 METROMEDICAL DR. FAYETTEVILLE 28302	AN 026 A P AC 919 323-5491	BENBOW, EDWARD PERRY, JR. PO BOX 339 ORIENTAL 28571	PD 041 A L 919 299-7057	BERKEY, WILLIAM SALDERUS, JR PO BOX 696 SKYLAND 28776	FP 011 A AC 704 684-7801
BECKNELL, GEORGE FRANKLIN, JR. 407 S. BROADWAY FOREST CITY 28043	GP 081 A AC 704 245-4838	BENBOW, JOHN MILLER 40 ARDSLEY AVENUE, N.E. CONCORD 28025	PD 013 AC 704 786-1144	BERKOWITZ, GERALD PHILLIP 200 HAWTHORNE LANE P. O. BOX 33549 CHARLOTTE 28233	PD /NPM 060 A AC 704 371-4025
BECKWITH, GEORGE HUGHES PO BOX 2554 702 NEWMAN RD. MCCARTHY SQ. NEW BERN 28560	CD /IM 025 AC 919 633-4046	BENDER, NEIL CARMICHAEL P. O. BOX 68 POLLOCKSVILLE 28573	IM 025 A AC 919 633-1010	BERNE, FREEMAN ALBERT P. O. DRAWER 1527 LUMBERTON 28358	DR 078 A AC 919 738-8222
BECKWITH, MARY KRISTINE 1821 GREEN ST. DURHAM 27705	OBG 032 A AC 919 286-1250	BENEDUM, JOHN LOYLE 7110 LAWYERS RD. CHARLOTTE 28212	IM 060 AC 704 364-7037	BERNER, THOMAS 23 PARK ROAD ASHEVILLE 28803	ORS 049 AC 704 872-7492
BEDRICK, JAMES JOSEPH 1900 RANDOLPH RD., STE. 1016 CHARLOTTE 28207	OPH 060 A AC 704 334-2020	BENFIELD, RONALD WILLIAM 520 BROOKDALE DR. STATESVILLE 28677	ORS 049 AC 704 872-7492	BERNHARDT, PETER F. RT. #1 2505 HARDWOOD LN. HILLSBOROUGH 27278	N 060 A AC 919 471-8168
BEDROSIAN, CAMILLE LUCIA 9-A TARAWA TERRACE DURHAM 27705	IM 032 A R 919 383-4972	BENJAMIN, EUGENE E. 2115 E. 7TH ST., SUITE #101 CHARLOTTE 28204	N 060 A AC	BERNSTEIN, DANIEL MEDICAL SERVICE BLDG. RUIN CREEK ROAD HENDERSON 27536	PTH /CLP 060 A AC 704 379-5982
BEEKER, THADDEUS ARLEN APT. 16-F, COURTNEY SQUARE GREENVILLE 27834	074 A S 919 737-8170	BENJAMIN, SANFORD PHILIP 2001 VAIL AVE. CHARLOTTE 28207	PTH /CLP 060 A AC 704 379-5982	BERNSTEIN, ROSLYN JULIE 4617 HOPE VALLEY RD., APT. H DURHAM 27707	ORS 097 A P AC 919 667-5039
BEEMER, CHARLES T. PO BOX 1169 1816 DOCTORS' DR. SANFORD 27330	ORS 053 A AC 919 775-7232	BENNETT, ERNEST CLAXTON P. O. BOX 667 ELIZABETHTOWN 28337	GP 009 A L 919 866-4319	BERRETTE, JEANNE SMITH PO BOX 1846 ECU SCHOOL OF MEDICINE GREENVILLE 27834	GP /OM 025 AC 919 633-0709
BEESE, STEPHEN ARTHUR 429 S. SUNSET DRIVE WINSTON-SALEM 27103	FP 034 A AC 919 722-1748	BENNETT, CRAIG RANDALL MEDICAL ARTS BLDG. NORTH WILKESBORO 28659	OBG 040 A AC 919 887-3011	BERRY, FRANCIS XAVIER 1208 COLONIAL AVE. GREENSBORO 27408	R 097 A P AC 919 838-3896
BEGGERLY, CLAY EVANS 114 E. CONCORD DR. GREENVILLE 27834	GS 074 A R 919 551-4100	BENNETT, ERNEST JOE 102 GIBBS ROAD NEW BERN 28560	GP /OM 025 AC 919 633-0709	BERRY, JOHN, JR. PO BOX 1316, DOCTOR'S DR. KINSTON 28501	DR 097 A P R 608 238-6844
BEITZ, LAURIE OWEN 413 PRITCHARD AVE. CHAPEL HILL 27514	032 A S 919 929-7771	BENNETT, JOHN NORTHWOOD ROUTE #1, BOX 96 MORAVIAN FALLS 28654	R 097 A P AC 919 838-3896	BERRY, WILLIAM ROSSER PO BOX 30098 RALEIGH HEM/ONCOLOGY CLI. RALEIGH 27622	FP 096 AC 919 735-1251
BELK, ROBERT SAMUEL 322 MULBERRY ST. SW PO BOX 1020 LENOIR 28645	IM /CD 014 A AC 704 758-5544	BENNETT, LAWRENCE NORTHWOOD 211 NAUTILUS DR. #4 MADISON, WI 53705	DR 097 A P R 608 238-6844	BERRYHILL, BRUCE HOLT 1600 E. THIRD STREET CHARLOTTE 28204	OBG 041 L/RT 919 272-2155
BELL, CAROL ROLAND 202 DOCTOR'S BUILDING ASHEVILLE 28801	AN 011 A AC 704 254-1969	BENNETT, PAUL CLIFFORD, JR. 2400 WAYNE MEM. DR., STE. B GOLDSBORO 27530	FP 096 AC 919 735-1251	BERRY, JOHN, JR. PO BOX 1316, DOCTOR'S DR. KINSTON 28501	GS 054 AC 919 522-1626
BELL, DOROTHY MCFARLAND 1110 W. MAIN ST. DURHAM 27701	OPH 032 A AC 919 682-9341	BENNETT, WILLIAM TYSON 3626 LATROBE DR. CHARLOTTE 28211	CD /IM 060 AC 704 364-0057	BERRY, WILLIAM ROSSER PO BOX 30098 RALEIGH HEM/ONCOLOGY CLI. RALEIGH 27622	ON /HEM 092 A AC 919 781-7070
BELL, ELIZABETH ANNE 52-B DAVIE CIRCLE CHAPEL HILL 27514	032 A S 919 942-6137	BENSEN, VLADIMIR BASIL 422 ST.MARY'S STREET RALEIGH 27605	FP /GS 092 A L 919 832-6855	BERRYHILL, BRUCE HOLT 1600 E. THIRD STREET CHARLOTTE 28204	OTO 060 A AC 704 372-3300
BELL, GEORGE ERICK, JR. WILSON CLINIC WILSON 27893	ORS 098 A AC 919 291-7001	BENSON, JOHN DEWITT 4420 LAKE BOONE TRAIL RALEIGH 27607	PTH 092 A AC 919 755-3040	BERTLING, MARION HENRY 2312 PRINCESS ANN STREET GREENSBORO 27408	GYN 041 A L/RT 919 288-6344
BELL, IRA EUGENE, JR. CATAWBA MEMORIAL HOSPITAL 810 FAIRGROVE CHURCH RD. SE HICKORY 28602	TR /R 018 AC 704 322-0856	BENSON, JOHN FISHER 318 WESTWOOD AVENUE HIGH POINT 27262	RHU /IM 040 A AC 919 882-2515	BERTRAM, ROBERT 909 W. HENDERSON ST. SALISBURY 28144	U 080 A AC 704 633-9441
BELL, JOHN DAVIS 401 SIXTH AVE., WEST HENDERSONVILLE 28739	AN 045 AC 704 693-7848	BENSON, NICHOLAS HEROD 1309 FANTASIA STREET GREENVILLE 27858	EM 074 A AC 919 551-4297	BERTRAND, MARGARET LINS 2214 PINECREST GREENSBORO 27403	DR 041 A AC 919 379-0941
BELL, JOSEPH TAYLOR, II N-12 THE VILLAGES CARRBORO 27510	032 A S 919 761-0234	BENTLEY, RALPH LUTHER 332 N. CENTER STREET STATESVILLE 28677	P 032 A R 919 942-8226	BERTRAND, SCOTT ALAN PO BOX 10373 GREENSBORO 27404	AN 041 A AC 919 373-0372
		BENTSEN, BIRGER STEVEN PO BOX 1323 CHAPEL HILL 27514		BEST, ANDREW ARTHUR P. O. BOX 949 GREENVILLE 27834	FP 074 A L/RT 919 752-2128
				BEST, DAVID CHARLES 600 PASTEUR DR. GREENSBORO 27403	PS /HS 041 A AC 919 852-0300
				BEST, JAMES ERNEST 600 PASTEUR DRIVE GREENSBORO 27403	PD /ADL 040 A L/RT 919 299-8040

ETHEL, MILLARD BAIMBRIDGE	PH 092	BINION, MARK LEE	074	BLACKWELL, BRUCE WAYNE	FP 026
25 BANBURY LANE	A L/RT	106 SCALES PL., APT. A-7	A S	1601-B OWEN DR.	A AC
CHAPEL HILL 27514	919 929-5606	GREENVILLE 27834	919 758-9438	FAYETTEVILLE 28304	919 323-1152
ETTS, CHARLES SAMUEL	IM 076	BIRD, IGNACIO	R 041	BLACKWELL, MICHAEL A.	074
220-A FOUST STREET	AC	207 HOMECWOOD AVENUE	A L/RT	114-D RIVER BLUFF RD.	A S
ASHEBORO 27203	919 629-7710	GREENSBORO 27403	919 299-8319	GREENVILLE 27834	919 758-7303
ETTS, WILMER CONRAD	P 092	BIRMINGHAM, LORRAINE FAITH	FP 032	BLACKWELL, OSCAR MOORE, III	IM /BE 029
3125 GLENWOOD PROF. VILLAGE	A AC	5035 HADRIAN DR.	A R	309 PINEYWOOD ROAD	A AC
RALEIGH 27608	919 782-0166	DURHAM 27703	919 596-0430	THOMASVILLE 27360	919 475-8121
EUTEL, WILLIAM DEAN	GS 023	BISHOP, JOHN MASON, JR.	OBG 092	BLAIR, GEORGE WALKER, JR.	IM 001
801 W. KING ST.	A AC	2800 BLUE RIDGE BLVD. STE. 206	AC	711 HERMITAGE ROAD	A P AC
KINGS MOUNTAIN 28086	704 734-0221	RALEIGH 27607	919 781-7450	BURLINGTON 27215	919 226-9317
EVIN, ABNER GRISWOLD, JR	PS /GS 032	BISHOP, PATTE JAYNE	PDS 034	BLAIR, JAMES SEABORN, JR.	FP 031
UNC. DIV. OF PLASTIC SURGERY	A AC	300 S. HAWTHORNE RD.	A AC	400 E. MAIN STREET	AC
CHAPEL HILL 27514	919 966-4446	WINSTON-SALEM 27103	919 748-4502	WALLACE 28466	919 285-2134
EVIS, CHARLES ALAN	ORS 049	BISHOPRIC, ALICE	OBG 018	BLAIR, JERRY RAY	032
1835 DAVIE AVE., STE. 415	AC	1205 N. CENTER STREET	AC	14 GLEEWOOD PLACE, EAST	A S
STATESVILLE 28677	704 872-7676	HICKORY 28601	704 328-2901	DURHAM 27713	919 544-5534
EY, RICHARD DOUD	N 034	BISSELL, LEWIS F.	IM 011	BLAIR, ROBERT GILLESPIE, JR.	ORS 025
160 CHARLOIS BOULEVARD	A AC	12 ROUND OAK ROAD	AC	P. O. DRAWER 1694	A AC
WINSTON-SALEM 27103	919 768-5834	ASHEVILLE 28804	704 254-0663	TRIANGLE PLAZA	
EYER, ALFRED JAMES	GS 026	BISSRAM, GANESH	ORS 042	NEW BERN 28560	919 633-4477
521 BEAUMONT ROAD	AC	130 CARDINAL DR.		BLAKE, DAMON DALTON	TR 034
FAYETTEVILLE 28304	919 483-5031	ROANOKE RAPIDS 27870	919 535-3091	BOWMAN GRAY SCH. OF MED.	A P AC
EYER, CATHERINE HERLIHY	PD 026	BITTER, KARL FFOLIOTT	U 011	WINSTON-SALEM 27103	919 748-4981
1213 WALTER REED ROAD	AC	1 DOCTOR'S PARK	A AC	BLAKE, GERALD WAYNE	IM /ID 092
FAYETTEVILLE 28305		ASHEVILLE 28801	704 253-5314	3521 HAWORTH DR.	AC
HATTI, MOHAMMAD AMJAD	GS /TS 001	BITTINGER, ISABEL	ORS 034	RALEIGH 27609	919 782-1806
719 HERMITAGE RD.	AC	118 S. CHERRY ST.,	A L	BLAKE, JOHN PAUL	P 001
BURLINGTON 27215	919 226-5191	PO BOX 10668		723 EDITH STREET	A AC
HOTIWIHOK, PREECHA	AN 054	WINSTON-SALEM 27108	919 725-0656	BURLINGTON 27215	919 227-9818
P. O. BOX 1043	A P * AC	BIZZELL, JAMES EUSTACE, II	032	BLAKE, ROBERT ADAMS	ORS 036
KINSTON 28501	919 522-7800	1410 FOUNTAIN VIEW #101	A R	902-D COX ROAD	A AC
ANCHI, EDGARDO HUGO	CD /IM 067	HOUSTON, TX 77057	713 784-6504	GASTONIA 28054	704 864-6723
1703 COUNTRY CLUB RD. STE. 202A	AC	BLACK, EDWARD BARNWELL	R 060	BLAKE, SIDNEY ALLEN	034
JACKSONVILLE 28540	919 455-9600	3535 RANDOLPH RD., STE 102	A AC	1730-J FRANCISCAN TERR.	A S
CKET, DAPHNE PATRICIA	034	CHARLOTTE 28211	704 365-0343	WINSTON-SALEM 27107	919 788-5646
2318-C ADRMORE TERRACE	A S	BLACK, JAMES FRANKLIN	OBG 029	BLAKELY, GENE THORNTON	GS 045
WINSTON-SALEM 27103	919 723-4862	7 MEDICAL PARK DRIVE	A AC	MARGARET PARDEE HOSPITAL	AC
CKLEY, SAMUEL TAYLOR	FP 040	LEXINGTON 27292	704 243-2431	HENDERSONVILLE 28739	704 693-6522
P. O. BOX 5168	A * AC	BLACK, JAMES HAMPTON	IM /NEP 060	BLAKEMORE, WILLIAM STEPHEN	OPH 021
HIGH POINT 27262	919 885-2118	125 BALDWIN AVE.	A * AC	101 MARK DR.	A AC
CKSTON, STEPHEN JOSEPH	032	CHARLOTTE 28204	704 374-1696	EDENTON 27932	919 482-7471
#73 HAMILTON ROAD	A S	BLACK, JOHN ALEXANDER	R 065	BLALOCK, FLOYD ESTON, JR.	FP /GP 020
CHAPEL HILL 27514	919 933-3027	2206 LYNNWOOD DR.	A AC	VALLEY RIVER CLINIC	A AC
EHLER, DARREN FOSTER	032	WILMINGTON 28403	919 343-7000	ANDREWS 28901	704 321-4510
108-A ESTES DR.	A S	BLACK, JOHN RILEY, JR.	PH 024	BLANCHAT, TIMOTHY JOSEPH	IM 018
CARRBORO 27510	919 942-9519	P. O. BOX 810	L	11 13TH AVENUE, N. E.	AC
ESECKER, GARY LEROY	GS 040	WHITEVILLE 28472	919 642-8061	HICKORY 28601	704 322-3541
624 QUAKER LN., STE. C-101	A * AC	BLACK, KYLE E., JR.	ORS 040	BLAND, RALPH WINGATE	GS /TS 096
HIGH POINT 27262	919 883-1348	624 QUAKER LANE, STE. D-209	AC	2400 WAYNE MEM.DR., STE. J	A P AC
GGERS, DAVID CARL	PTH 011	HIGH POINT 27262	919 841-6262	GOLDSBORO 27530	919 734-5010
MEMORIAL MISSION HOSPITAL	A AC	BLACK, KYLE EMERSON	GS 080	BLAND, VEITA JOYCE	FP 041
ASHEVILLE 28801	704 255-4270	825 W. HENDERSON STREET	A L	1021 E. WENDOVER AVE. STE. 202	* AC
GGERS, WILLIAM PAUL	OTO /A 032	SALISBURY 28144	704 636-5510	MEDICAL ARTS BLDG.	
610 BURNETT-WOMACK-229H	* AC	BLACK, PAUL ADRIAN L.	OALR /OPH 065	GREENSBORO 27405	919 373-1557
UNC SCHOOL OF MEDICINE		5553 OLEANDER DRIVE	A L	BLANK, ROY CRARY	IM 060
CHAPEL HILL 27514	919 966-3341	WILMINGTON NC 28403	919 799-2226	335 N. CASWELL RD.	A AC
GGS, JOHN IRVIN	ORS 078	BLACK, WINSEL O'NEAL	GP 080	CHARLOTTE 28204	704 376-4852
1406 N. ELM ST.	A L/RT	601 MOCKSVILLE AVENUE	A AC	BLAYLOCK, RUSSELL LANE	NS 040
PO BOX 1004		SALISBURY 28144	704 633-5048	P. O. BOX 5388	P * AC
LUMBERTON 28358	919 739-6093	BLACKBURN, KATHERINE S.	034	HIGH POINT 27262	919 889-4810
GHAM, ROY STINSON, JR.	IM 060	211-28 DALEWOOD DR.	S	BLEVINS, VIRGINIA KAY	IM 034
4000 MCKEE ROAD	A L/RT	WINSTON-SALEM 27104	919 765-5952	250 CHARLOIS BLVD.	A AC
MATTHEWS 28105	704 846-2233	BLACKBURN, ROBERT ALFRED	OTO /P 026	WINSTON-SALEM 27103	919 768-4730
LBREY, GEORGE MARVIN, JR	CDS /TS 011	1262 OLIVER ST.	A AC	BLEYNAT, MICHELLE LOUISE	032
257 MCDOWELL STREET	A P AC	FAYETTEVILLE 28304	919 485-7181	207 SUMMERWALK CIRCLE	A S
ASHEVILLE 28803	704 258-1121	BLACKBURN, THOMAS REID	DR 023	CHAPEL HILL 27514	919 929-7746
LBRO, ROBERT HODGES	IM /CD 092	PO BOX 1148	A P * AC	BLIEVERNIGHT, STEPHEN WALDO	GS 041
3521 HAWORTH DR.	A AC	SHELBY 28150	704 487-3141	1014 PROFESSIONAL VILLAGE	P AC
RALEIGH 27609	919 782-1806	BLACKERBY, JAMES	GP 025	GREENSBORO 27401	919 373-1078
LICA, WILLIAM HARRY		1807 TRYON ROAD	A L	BLOMELEY, CHARLES PERRY	FP 075
2217-W WINDSOR AVE.	A R	NEW BERN 28560	919 637-3424	PO BOX 608	A AC
PHOENIX, AZ 85009	602 254-8052	BLACKERBY, JAMES NICHOLAS	GS 025	COLUMBUS 28722	704 894-8213
LLINGS, JACK SMITH	FP 034	800 HOSPITAL DR.	AC	BLOMGREN, PETER FREDERICK	FP 041
340 HOLMES DRIVE	A AC	NEW BERN 28560	919 633-2081	317 W. WENDOVER AVE.	AC
RURAL HALL 27045	919 969-9158	BLACKLEY, ROY JACKSON	P/GPM 092	GREENSBORO 27408	919 373-1794
LMIRE, KAREN LEIGH	P 032	325 N. SALISBURY STREET	AC	BLOMQUIST, GUSTAV ARTHUR, JR.	PS 041
ROUTE #5, BOX 110	A R	RALEIGH 27611	919 733-4506	721 GREEN VALLEY RD., STE. 303	A AC
PITTSBORO 27312	919 966-5711	BLACKMAN, JESSE AYCOCK	GP 096	GREENSBORO 27408	919 275-1111
NDER, GEORGE ARTHUR	DR 026	109 S. SYCAMORE STREET	AC	BLOOMFIELD, ROBERT LEE	IM 034
01 LAKESHORE DR.	A AC	FREMONT 27830	919 242-6171	741 HIGHLAND AVENUE	A AC
FAYETTEVILLE 28305	919 484-4028	BLACKMON, BRUCE BERNARD	FP 043	WINSTON-SALEM 27101	919 727-8165
ION, GERALD RAY	OBG 023	P. O. BOX 8	A P * AC	BLOUNT, CHARLES WHITNER, JR.	FP 060
10 W. GROVER STREET	A AC	BUIES CREEK 27506	919 893-3543	6708 ALBEMARLE ROAD	AC
SHELBY 28150	704 487-5258			CHARLOTTE 28212	704 536-4903

BLOUNT, FREDERICK ALEXANDER 2390 COLISEUM DRIVE WINSTON-SALEM 27106	PD 034 A * L/RT 919 724-3072	BOLESTA, MICHAEL JOSEPH BOX 3000, DUMC DURHAM 27710	ORS 032 A R 919 684-8111	BORCHERT, LYNN GORDON 2245 STANTONSBURG RD. #A GREENVILLE 27834	GYN 074 AC 919 752-0973
BLOUNT, JOHN MYERS, III 130 WOODSON ST. SALISBURY 28144	FP /OM 080 A P * AC 704 637-3207	BOLICK, CHARLES ARTHUR 901-A N. GREENSBORO ST. CARRBORO 27510	032 A S 919 929-6342	BORDEN, RICHARD WINSTEAD 3108 ARENDELL ST. MOREHEAD CITY 28557	GP 016 AC 919 726-3127
BLOW, OSBERT 5238 N. WILLOWHAVEN DRIVE DURHAM 27712	PTH 032 A R 919 383-1076	BOLIN, LEWIS BRYANT 226 WILMOT DR. GASTONIA 28054	GP 036 A AC 704 865-2386	BORDER, CLINTON LARRY, JR. P. O. BOX 538 WAYNESVILLE 28786	GS 044 A RT 704 452-4500
BLOWE, RALPH BOYD, SR. 10 WEST 6TH STREET WELDON 27890	FP 042 A L 919 536-3820	BOLIN, LEWIS BRYANT, JR. 226 WILMOT DRIVE GASTONIA 28054	FP 036 A AC 704 865-2386	BOS, JOHN FREMONT P. O. BOX 220349 CHARLOTTE 28222	PTH /CLP 060 A AC 704 846-2552
BLUE, JOHN FREDERICK P. O. BOX 820 SANFORD 27330	FP 053 A * AC 919 775-7522	BOLLING, THOMAS VANCE 208 HOSPITAL DR. COLUMBUS 28722	GS 075 A AC 704 894-3566	BOSKEN, DONALD WILLIAM 400 RANDOLPH ROAD THOMASVILLE 27360	FP 029 AC 919 475-7163
BLUE, JOHN FREDERICK, JR. 4092 PROFESSIONAL DR. HOPE MILLS 28348	FP 026 AC 919 424-0123	BOLLINGER, RALPH RANDAL BOX 2910, DUKE HOSPITAL DURHAM 27710	GS /IG 032 A * AC 919 684-5209	BOSSE, HELEN HALL P. O. BOX 10502 RALEIGH 27605	AN 092 A AC 919 733-2732
BLUM, JEFFREY CLARK 130 LAKE CONCORD ROAD, NE P. O. BOX 3345 CONCORD 28025	DR /IM 013 A AC 704 788-4130	BOLON, CHARLES GORDON 2711 RANDOLPH RD., STE. 512 CHARLOTTE 28207	GYN 060 AC 704 333-4104	BOSSEN, EDWARD HECHT BOX 3712, DUMC DURHAM 27710	PTH 032 A AC 919 684-3300
BLUMENTHAL, BARRY HOWARD 3125 GLENWOOD PROF. VILLAGE RALEIGH 27608	P 092 AC 919 782-0166	BOLSTAD, KARL EDWARD 14 MEDICAL PARK DR. LEXINGTON 27292	ORS 029 A AC 704 249-2978	BOST, WILLIAM STUART, JR. 8 DOCTOR'S PARK PO BOX 5007 GREENVILLE 27834	OTO 074 A P AC 919 752-5227
BLYTNE, WILLIAM BREVARD UNC, DEPT. OF MEDICINE CHAPEL HILL 27514	IM /NEP 032 AC 919 966-2565	BOLZ, EVERETT ARTHUR 1350 KINGS DRIVE CHARLOTTE 28207	OTO 060 A AC 704 372-8750	BOSTIC, WILLIAM CHIVOUS, III SALEM ORTHOPAEDIC ASSOC. PA PO BOX 25007 WINSTON-SALEM 27114	ORS 034 AC 919 768-1270
BOARD, ROBERT JEFFREY 3320 EXECUTIVE DR. STE. 111 RALEIGH 27609	OPH 092 AC 919 876-2427	BOMBANGER, JAMES JOHN ROUTE #3, BOX 774-B CONNELLY SPRINGS 28612	PUD /IM 023 AC 704 397-6147	BOSWELL, JOHN IVERSON, JR. N. C. MEMORIAL HOSPITAL CHAPEL HILL 27514	CHP /P 032 AC 919 966-2025
BOAT, THOMAS FREDERICK 2025 S. LAKESHORE DRIVE CHAPEL HILL 27514	PD /PUD 032 A AC 919 966-4427	BOMBERG, ROBERT BRYAN 2609 N. DUKE STREET DURHAM 27704	IM 032 AC 919 471-8446	BOTERO, ERNESTO MIGUEL 200 E. NORTHWOOD ST. STE. 504 GREENSBORO 27401	NS 041 AC 919 272-4578
BOATRIGHT, JAMES RICHARD 1822 BRUNSWICK AVENUE CHARLOTTE 28207	HS /ORS 060 A AC 704 373-0544	BOND, EDWARD GRIFFITH CHOWAN MEDICAL CENTER EDENTON 27932	IM /CD 021 A * AC 919 482-2116	BOTROS, SHERIF BOTROS 1625 DOCTOR'S CIRCLE WILMINGTON 28401	OTO 065 A AC 919 762-0234
BOBBITT, JAMES DANIEL 33 LAKE CONCORD ROAD, N.E. CONCORD 28025	OPH 013 AC 704 786-2015	BOND, JOHN LAWRENCE, JR. P. O. BOX 1128 N. WILKESBORO 28659	GS /ORS 097 A AC 919 838-4789	BOUNOUS, JUDITH FRANCES 2082 RIVERSHORE ROAD ELIZABETH CITY 27909	EM /PD 070 AC 919 335-1003
BOBZIEN, WILLIAM FREDRICK, III 100 NASH MEDICAL ARTS MALL ROCKY MOUNT 27801	HEM /IM 064 AC 919 443-9084	BOND, JOHN PENNINGTON 1806 FAIRFIELD DRIVE GASTONIA 28054	GS 036 A L/RT 704 865-0154	BOURGEOIS, JOHN ELLIOTT 1600 E. THIRD ST. CHARLOTTE 28204	OPH 060 A P AC 704 372-3300
BODE, DONALD DENBY, JR. 2573 STANTONSBURG RD. GREENVILLE 27834	OPH 074 A AC 919 752-0313	BOND, PAMELA EATON 869 LOUISE CIRCLE DURHAM 27705	032 A S 919 383-8354	BOUZIGARD, RAY JOSEPH KINSTON CLINIC, NORTH DOCTORS DRIVE KINSTON 28501	R/TR 054 A AC 919 527-7077
BODNAR, TIMOTHY J. 310 THORNCLIFF DR. FAYETTEVILLE 28303	EM 026 A AC 919 323-6167	BOND, THOMAS MADISON 49 MCDOWELL ST. ASHEVILLE 28801	GE /IM 011 A AC 704 258-3870	BOWEN, BENJAMIN CURETON PO BOX 1460 STATESVILLE 28677	FP 049 AC 704 878-2011
BODNER, WILLIAM RAYMOND, JR. 606 WALTER REED DR. GREENSBORO 27403	P 041 A AC 919 299-0107	BOND, VERNARD FRANKLIN, JR. 2240 CLOVERDALE AVE., STE. 215 WINSTON-SALEM 27103	IM /CD 034 A AC 919 724-0181	BOWEN, EDWYN TAYLOR, JR 3001 MAPLEWOOD AVENUE WINSTON-SALEM 27103	PD 034 AC 919 765-9170
BOEHM, O. ROBERT 1012 KINGS DR., STE. 302 CHARLOTTE 28283	A/IM 060 AC 704 332-7731	BONDURANT, STUART UNC, 125 MACNIDER BLDG. CHAPEL HILL 27514	IM 032 A AC 919 966-4161	BOWEN, J. HARTLEY, III 208 CAMELOT DRIVE MORGANTON 28655	PTH 012 AC 704 438-2254
BOER, HENRY R. 3036 LAKE FOREST DR. GREENSBORO 27408	NPM /PD 041 AC 919 282-2360	BONGARDT, HENRY F., JR. 7234 LANCER DRIVE CHARLOTTE 28226	IM /A 060 A AC 704 364-6812	BOWEN, JOHN HENRY 912 CONNELLY SPRINGS ROAD P. O. BOX 1014 LENOIR 28645	FP /GP 014 AC 704 728-8224
BOERNER, DAVID FRANKLIN 3100 BLUE RIDGE RD. STE. 300 RALEIGH 27612	IM /PUD 092 A P AC 919 781-7500	BONNER, JACK WILBUR, III BOX 1101, HIGHLAND HOSPITAL ASHEVILLE 28802	P 011 A P * AC 704 254-3201	BOWEN, MICHAEL LYNN P. O. BOX 310 STANTONSBURG 27883	FP 098 A * AC 919 238-2101
BOERNER, ROBERT MARTIN 520 BILTMORE AVENUE ASHEVILLE 28801	ID /PUD 011 A * AC 704 254-5932	BONNER, MERLE DUMONT MEADOWBROOK TERRACE 1915 BOULEVARD ST. GREENSBORO 27407	PUD /A 041 A L/RT 919 854-0947	BOWER, EDWARD BIRCH 900 SUNSET DR. MONROE 28110	GS 090 A AC 704 289-2561
BOETTE, RICHARD WALTERS 515 COLLEGE RD. STE. #11 GREENSBORO 27410	PD 041 AC 919 852-9630	BONNER, STEVEN PAUL 211 S. SHARON AMITY RD. CHARLOTTE 28211	FP 060 A P AC 704 663-0261	BOWER, STEPHEN LEE 3155 MAPLEWOOD AVENUE WINSTON-SALEM 27103	DR 034 A AC 919 760-5874
BOGARD, ANN QUINN 1901 S.HAWTHORNE RD., STE. 240 WINSTON-SALEM 27103	OTO 034 A AC 919 768-1308	BONNIN, IRVIN RAYMOND 1225 E. GARRISON BOULEVARD GASTONIA 28054	OBG 036 AC 704 867-7226	BOWERS, SCOTT P. #5 SILVER LAKE VILLAS WILSON 27893	OPH 091 A * AC 919 291-1300
BOGARD, TERENCE DALE 5020 KNOB VIEW TR. 27104 WINSTON-SALEM 27106	AN 034 A P AC 919 760-3954	BOOKER, JOHN PARKS, JR. P. O. BOX 308 HICKORY 28601	DR 018 A AC 704 322-2644	BOWERS, WILLIAM HAMPTON 409-E PARKWAY DR. GREENSBORO 27401	HS /ORS 011 A P AC 919 378-0811
BOGGS, LAWRENCE KENNEDY 1012 KINGS DRIVE CHARLOTTE 28283	U 060 A AC 704 333-3825	BOONE, EDWARD EVERETT ROUTE #2, BOX 199 CONOVER 28613	IM 018 A AC 704 322-1128	BOWES, WATSON ALLEN, III 38-A DAVIE CIRCLE CHAPEL HILL 27514	031 A 919 942-6981
BOHSACK, MICHAEL ROBERT 3305 MILLBROOK DR. WILSON 27893	AN 098 A AC 919 291-1700	BOONE, JOHN WOODIE, JR. 120 PROFESSIONAL DRIVE ROANOKE RAPIDS 27870	FP 042 AC 919 537-9176	BOWES, WATSON ALLEN, JR. UNC, DEPT. OF OBG 214 MACNIDER BLDG. 202-H CHAPEL HILL 27514	OBG 031 AC 919 966-1600
BOKESCH, CHARLES RICHARD P. O. BOX 1547 MOUNT AIRY 27030	CD /IM 086 A AC 919 786-6146	BOONE, STEPHEN CHRISTOPHER 3009 NEW BERN AVE. PO BOX 14027 RALEIGH 27620	NS /EM 092 A AC 919 832-4448	BOWLES, FRANCIS NORMAN 1019 FISH CROW ROAD SANIBEL, FL 33957	OBG 031 A L/RT 813 472-4431

BOWLES, RICHARD MORGAN	PO 023	BOYLES, WAYNE FRANCIS	FP 018	BRANDON, HENRY ALLEN, JR.	IM 095
101 GROVER STREET	A AC	ROUTE #3, BOX 155	A AC	250 DOCTORS DRIVE	A P * AC
SHELBY 28150	704 482-1435	HICKORY 28601	704 327-4745	BOONE 28607	704 264-6362
BOWLING, RICHARD FRANKLIN	GS 023	BOYLSTON, JAMES ALAN	PTH 060	BRANDSPIGEL, KARL	NEP /IM 070
P. O. BOX 638	A AC	PRESBYTERIAN HOSP.-PTH	A AC	104 W. COLONIAL AVE.	A AC
SHELBY 28150	704 487-8591	P. O. BOX 33549		ELIZABETH CITY 27909	919 335-1083
BOWMAN, CHRIS RICHARDS	074	CHARLOTTE 28233	704 371-4814	BRANHAM, HENRY EZELL, JR.	P/HYP 034
PO BOX 607	A S	BOZYMSKI, EUGENE MICHAEL	GE /IM 032	1409 PLAZA WEST RD., STE. E	A P AC
AURORA 27806	919 758-6437	UNC, DEPT. OF MEDICINE	* AC	WINSTON-SALEM 27103	919 768-9393
BOWMAN, JAMES FREDERICK	ORS 074	324 CLINICAL SCI. BLDG. 229-H		BRANNAN, WILLIAM CHESTER	OBG 011
117 MEDICAL DRIVE	A P AC	CHAPEL HILL 27514	919 966-2511	143 ASHELAND AVENUE	A AC
GREENVILLE 27834	919 758-1777	BRAASCH, ERNEST R.	P 032	ASHEVILLE 28801	704 258-9191
BOWMAN, MARJORIE ANN	FP /GPM 034	4114 DEEPWOOD CIRCLE	AC	BRANTLEY, BERT ALTON, JR.	ON 032
300 S. HAWTHORNE RD.	A * AC	DURHAM 27707	919 493-2217	307 COLONY WOODS DRIVE	AC
DEPT. OF FAMILY MEDICINE		BRAASCH, LESLEY KRIEGMAN	PYA /P 032	CHAPEL HILL 27514	919 684-2804
WINSTON-SALEM 27103		4114 DEEPWOOD CIRCLE	AC	BRANTLEY, INGRID JEAN	CHP /P 032
BOWMAN, WILLIAM EDMUND, JR.	GS /CDS 041	DURHAM 27707	919 493-2217	3510 UNIVERSITY DRIVE	AC
PO BOX 10037	A AC	BRABSON, JOHN ANDERSON	GS /GYN 060	DURHAM 27707	919 489-1884
1317 N. ELM ST.		1900 RANDOLPH RD. STE. 1004	A L	BRANTLEY, JEFFREY GARLAND	P 032
GREENSBORO 27404	919 275-9554	CHARLOTTE 28207	704 333-0611	414 E. MAIN ST.	AC
BOWTON, DAVID LOWELL	PUD 034	BRACKBILL, THOMAS ANDREW	CD /CD 041	DURHAM 27701	919 682-9296
DEPT. OF MEDICINE	AC	1011 PROFESSIONAL VILLAGE	A AC	BRANTLEY, JULIAN CHISOLM, JR.	GYN 064
BOWMAN GRAY SCH. OF MEDICINE		GREENSBORO 27401	919 272-6133	1507 LAFAYETTE AVE.	A L/RT
WINSTON-SALEM 27103	919 748-4649	BRADFORD, ARTHUR LOUIS	FP 078	ROCKY MOUNT 27801	919 446-8434
BOWYER, ALLEN FRANK	CD 074	123 E. BROAD STREET	AC	BRANTLEY, JULIAN CHISOLM, III	OBG 007
2000 VENTURE TOWER DR. #300	A AC	ST. PAULS 28384	919 865-5170	701 SHOREWOOD DRIVE	A AC
GREENVILLE 27834	919 551-4651	BRADFORD, EDWARD AYERS	IM 060	WASHINGTON 27889	919 946-6544
OX, PATRICK	RHU /IM 060	201 E. MATTHEWS STREET	A AC	BRANTLEY, JULIAN THWEATT	OBG 041
2310 RANDOLPH ROAD	A P AC	MATTHEWS 28105	704 365-0760	721 GREEN VALLEY RD.	A AC
CHARLOTTE 28207		BRADFORD, JAMES HEDRICK	CD /IM 049	GREENSBORO 27408	919 273-4325
OYCE, OREN DOUGLAS	IM /HYP 036	1708-A DAVIE AVENUE	AC	BRASHEAR, HARRY ROBERT, JR.	ORS 032
406 S. CHESTER STREET	A * L	STATESVILLE 28677	704 873-1189	N. C. MEMORIAL HOSPITAL	A AC
GASTONIA 28052	704 865-3181	BRADFORD, SUSAN ELLEN	PTH /CLP 054	CHAPEL HILL 27514	919 966-2030
OYCE, WILLIAM HENRY	U 034	1802 MARSHBURN CIRCLE	A AC	BRASHEAR, RALPH GUY	FP 092
BOWMAN GRAY SCH. OF MED.	A AC	KINSTON 28501	919 522-7141	P. O. BOX 827	A * AC
WINSTON-SALEM 27103	919 748-4131	BRADFORD, WILLIAM STRONG	GS 079	WENDELL 27591	919 365-7366
OYD, BASIL MANLY, JR.	ORS 060	629 S. MAIN ST.	A AC	BRASWELL, WILLIAM KELLEY	GS /TS 044
1822 BRUNSWICK AVENUE	A * AC	REIDSVILLE 27320	919 349-4024	MIDWAY MEDICAL CENTER	* AC
CHARLOTTE 28207	704 373-0544	BRADFORD, WILLIAMSON Z., JR.	OBG 060	P. O. BOX 1409	
OYD, DEBORAH DAETWYLER	GS 098	150 PROVIDENCE ROAD	A AC	CANTON 28716	704 627-2211
1704 S. TARBORO ST.	A AC	CHARLOTTE 28204	704 377-0461	BRATTON, TERESA SUE	PDA /A 041
WILSON 27893	919 291-7001	BRADLEY, BETTY BRUTON	FP 009	1021 E. WENDOVER, STE. 302	AC
OYD, ELLEN	PD 011	P. O. BOX 998	A AC	GREENSBORO 27405	919 275-1318
131 MCDOWELL STREET	AC	BLADENBORO 28320	919 863-3138	BRAUN, SIMON DAVID	DR 032
ASHEVILLE 28801	704 254-4337	BRADLEY, GEORGE LEE, JR.	GP /AM 036	824 SHADYLAWN RD	A AC
OYD, JAMES FRANCIS	IM /ON 060	800 E. FIRST STREET	P AC	CHAPEL HILL 27514	919 681-2711
125 BALDWIN AVE.	A AC	CHERRYVILLE 28021	704 435-4111	BRAWLEY, BOBBY WATSON	NS 060
CHARLOTTE 28204	704 374-1696	BRADLEY, HAROLD JOHN, JR.	U 041	1010 EDGEHILL RD, NORTH	A AC
OYD, JOSEPH ALSTON, JR.	R 091	721 GREEN VALLEY RD.	A * AC	CHARLOTTE 28207	704 376-1605
1909 PARKER LANE	A L/RT	GREENSBORO 27408	919 378-9176	BRAXTON, DORIS BLACKWELL	PD /ADL 001
HENDERSON 27536		BRADLEY, HAROLD JOHN, SR.	U 041	711 HERMITAGE ROAD	A P AC
OYD, RICHARD ARMISTEAD	OBG 049	721 GREEN VALLEY RD.	A * L	BURLINGTON 27215	919 229-5341
STATESVILLE MEDICAL GROUP	AC	GREENSBORO 27408	919 274-7624	BRAZIL, WILBURN OSCAR, JR.	U 011
PO BOX 1460		BRADSHAW, PRESTON HATCHER, JR.	U 092	100 VICTORIA ROAD	A * AC
STATESVILLE 28677	704 878-2011	1200 KERSHAW DR.	A AC	ASHEVILLE 28801	704 254-8883
OYD, WILLIAM MONROE, V	032	RALEIGH 27609	919 876-4323	BREAM, CHARLES ANTHONY	DR 032
#1 SPRING GARDEN APTS.	A S	BRADSHAW, ARTHUR BROWN	GS 008	N. C. MEMORIAL HOSPITAL	L
CHAPEL HILL 27514	919 968-0106	BERTIE COUNTY MEM. HOSPITAL	A L	CHAPEL HILL 27514	919 966-1461
OYER, GEORGE NORMAN	P 075	PO BOX 158	919 794-4539	BREEDEN, THOMAS E.	GYN /OBG 036
913 CAROLINA DRIVE	AC	WINDSOR 27983	GP 073	603 COX ROAD, ABERDEEN PLAZA	AC
TRYON 28782	704 433-2503	BRADSHAW, JAMES DONALD	L/RT	GASTONIA 28052	704 867-3551
OYER, JAY ALLEN	DR 034	P. O. BOX 168	919 599-1611	BREMER, CHARLES CHRISTOPHER	FP 074
250 CHARLOIS BOULEVARD	A AC	ROXBORO 27573	A R	317 PINWOOD ROAD	A AC
WINSTON-SALEM 27103	919 768-4730	BRADY, JOSEPH LAWRENCE, JR.	PD /NPM 032	GREENVILLE 27834	919 756-7974
OYETTE-KOURI, FRANCES	034	500 WATERSIDE DR.	A	BRENIZER, ADDISON GORGAS, JR.	GS /TS 060
BOWMAN GRAY, BOX 190	A S	CARRBORO 27510	919 968-4728	1333 QUEENS RD. #101	A L
WINSTON-SALEM 27103	919 723-7169	BRADY, WALTER MORRIS	FP 016	CHARLOTTE 28207	704 376-4942
OYETTE, CHARLES OTIS	FP 007	#5 MEDICAL PARK	A AC	BRENNAN, MICHAEL W.	OPH 001
P. O. BOX 310	A P * AC	MOREHEAD CITY 28557	919 726-8414	1214 VAUGHN RD.	A AC
BELHAVEN 27810	919 943-2651	BRAME, ROBERT GRIFFIN	OBG 074	BURLINGTON 27215	919 228-0254
OYETTE, DEANNA MARIE	074	1729 FOREST HILL DR.	A * AC	BRENNER, WILLIAM EDWARD	OBG /NPM 032
BOX 1473	A S	GREENVILLE 27858	919 755-8535	109 CONNER DR., STE. 2202	AC
GREENVILLE 27835	919 758-8785	BRAMLEY, MICHAEL LAIRD	PD 074	CHAPEL HILL 27514	919 942-0011
OYETTE, DOUGLAS RAY	CD /IM 023	1800 W. FIFTH STREET	AC	BRENTON, BRADLEY CLARK	DR 096
808 SCHENCK STREET	A AC	GREENVILLE 27834	919 752-7141	2700 MEDICAL OFFICE PLACE	A AC
SHELBY 28150	704 482-1482	BRANAMAN, GUY HEWITT, JR.	GYN 092	GOLDSBORO 27530	919 734-1866
OYETTE, EDWARD LEE	FP /CD 031	915 WILLIAMSON DR.	A L/RT	BRESLIN, MARIANNE S.	P/PYM 032
CHINQUAPIN 28521	A * AC	RALEIGH 27608	919 833-4080	500 EASTOWNE DR., STE. 115	A AC
OYETTE, GRAY THOMAS	IM /GE 034	BRANCH, CHARLES LEON, JR.	NS 034	CHAPEL HILL 27514	919 493-2657
2933 MAPLEWOOD AVENUE	A P AC	315 JANET ST.	A R	BRETT, CHARLES BURDEN	PD 041
WINSTON-SALEM 27103	919 765-1640	WINSTON-SALEM 27104	919 768-7017	1307 W. WENDOVER AVENUE	AC
OYLES, LARRY WAYNE	N/IM 018	BRANCH, JAMES DAVID	OPH 034	GREENSBORO 27408	919 272-5189
420 N. CENTER ST.	A AC	224 TOWN RUN LANE	A AC	BREWBAKER, STEPHEN LEWIS	OBG 065
HICKORY 28601	704 327-9869	WINSTON-SALEM 27101	919 723-0748	1134 SHIPYARD BLVD.	AC
		BRANDON, DANIEL	EM 036	WILMINGTON 28403	919 799-4311
		3028 MT. VERNON DRIVE	A AC		
		GASTONIA 28054	704 866-2266		

BREWER, JAMES CHESTER, JR. P. O. BOX 8248 GREENSBORO 27419	FP 041 A AC 919 852-7618	BRODIE, BRUCE ROGERS 721 GREEN VALLEY RD. GREENSBORO 27408	CD /IM 041 A P AC 919 378-0774	BROWN, JAY HOWARD JOEL MAINE COAST MEM. HOSPITAL ELLSWORTH, ME 04605	AN 041 AC
BREWINGTON, THOMAS ELMER, JR. P. O. BOX 20346 GREENSBORO 27420	OPH 041 AC 919 272-5628	BRODKIN, RICHARD ALAN 2825 LYNTHURST AVE., STE. 103 WINSTON-SALEM 27103	/HEM 034 A AC	BROWN, KERMIT ENGLISH 398 CHUNNS COVE ROAD ASHEVILLE 28805	OBG 011 A L/R 704 252-5117
BREWSTER, VANN ALLEN DUKE POWER COMPANY P. O. BOX 33189 CHARLOTTE 28242	OM 060 A AC 704 373-6192	BROMBERG, PHILIP ALLAN 724 CLI. SCI. BLDG. 229-H UNC, DIV. PULMONARY DISEASE CHAPEL HILL 27514	IM /PUD 032 AC 919 966-2531	BROWN, MICHAEL ASHLEY 114 FLETCHER PLACE GREENVILLE 27834	074 A S 919 758-3315
BREZICKI, PAUL ALEXANDER PO BOX 599 RUTHERFORD COLLEGE 28671	FP 012 AC 704 874-2811	BROOKS, CHARLES MICHAEL KINSTON CLINIC NORTH DOCTORS DR., STE. E KINSTON 28501	OBG 054 A AC 919 522-3373	BROWN, MICHAEL W. 4518 CHESHIRE CT. DURHAM 27705	U 032 A AC 919 684-2033
BREZINA, EDWARD SHARP, JR. 1911 CANAL DRIVE WILSON 27893	OBG 098 A AC	BROOKS, CLYDE LONG, JR. 934 HUNSWOOD LANE CHARLOTTESVILLE, VA 22901	IM 032 A R 804 293-8569	BROWN, PAUL EUGENE 250 18TH ST. CIR. SE HICKORY 28602	ORS 018 A AC 704 322-5172
BRICE, ROBERT SAMUEL, JR. 1901 HAWTHORNE RD., STE. 310 WINSTON-SALEM 27103	GE /IM 034 A AC 919 760-4340	BROOKS, JAMES TAYLOR 1100 N. ELM STREET GREENSBORO 27401	IM 041 A P AC 919 273-8658	BROWN, RAEFORD E., JR. 300 S. HAWTHORNE RD. WINSTON-SALEM 27103	AN 034 AC 919 748-4498
BRIDGER, DEWEY HERBERT, III 7901 BAYMEADOWS CIR. E#574 JACKSONVILLE, FL 32216	034 A S	BROOKS, JEAN BAILEY 1100 N. ELM STREET GREENSBORO 27401	GYN 041 A P AC 919 273-8658	BROWN, ROBERT CALVIN 801 GREEN VALLEY RD. GREENSBORO 27408	CLP /PTH 041 A AC 919 378-2809
BRIDGES, THOMAS HOWARD P. O. BOX 1706 SHELBY 28150	EM 023 AC 704 487-3134	BROOKS, JOHN IRVING, JR. TARBORO CLINIC 101 CLINIC DR. TARBORO 27886	IM 033 A AC 919 823-2105	BROWN, RONALD LAUCHLIN 2711 RANDOLPH RD. STE. 305 CHARLOTTE 28207	OBG 060 AC 704 372-8020
BRIGGS, DOUGLAS MERRILL 1198 WYKE ROAD SHELBY 28150	FP 023 A AC 704 487-1148	BROOKS, MARTIN LUTHER 711 HIGHWAY E. P. O. BOX 37 PEMBROKE 28372	GP 078 A AC 919 521-4221	BROWN, SUSAN EVANS 5501 FORTUNE'S RIDGE, STE. A DURHAM 27713	FP 032 AC 919 493-8877
BRIGGS, JOHN GLENN, JR. 1782 METRO MEDICAL DR. FAYETTEVILLE 28304	PS 026 AC 919 323-1203	BROOKS, MICHAEL LEE 206 W. 27TH ST. LUMBERTON 28358	IM 078 A AC 919 738-1421	BROWN, TERRY MICHAEL 134 LOBLOLLY LANE CHAPEL HILL 27514	P 032 A R 919 967-2590
BRIGHT, DON CLARK 1705 W. SIXTH STREET GREENVILLE 27834	AN 074 A P AC 919 752-2140	BROOKS, RALPH ELBERT, JR. 624 QUAKER LANE, SUITE D-100 HIGH POINT 27262	U 040 A AC 919 886-5151	BROWN, THOMAS LAWRENCE 145 AFTONSHIRE COURT WINSTON-SALEM 27104	OBG 034 AC 919 765-2802
BRIGHT, ROBERT PAUL 433 BROOKSIDE DR. CHAPEL HILL 27514	032 A S 919 967-5440	BROOKS, THOMAS WILLIAM, III 521 THIRD AVENUE, N.W. HICKORY 28601	R/NM 018 A AC 704 322-2644	BROWN, VASCUE O'NEIL 3532 MOUNTAINBROOK ROAD CHARLOTTE 28210	P 060 AC 704 553-1179
BRIGMAN, PAUL HAMER 2807 EARLHAM PLACE HIGH POINT 27263	EM 040 AC 919 431-3875	BROOKS, WILLIAM LESTER, JR. 1851 E. THIRD STREET CHARLOTTE 28204	IM /RHU 060 A AC 704 333-4175	BROWN, WALTER JOHN 79 TRUNDLE RDG. FEARRINGTON PITTSBORO 27312	PH 019 A 919 933-9331
BRINKHOUS, KENNETH MERLE UNC, DEPT. OF PATH., 228-H CHAPEL HILL 27514	PTH /HEM 032 A L 919 966-1061	BROSKE, NANCY ELAINE K-12 THE VILLAGES APTS. CARRBORO 27510	032 A S 919 966-0615	BROWN, WILLIAM LEE P. O. DRAWER 158 ROANOKE RAPIDS 27870	IM 042 A AC 919 537-0135
BRINKMAN, DENNIS MICHAEL 1203 GREENBRIAR COURT WILSON 27893	AN 098 A AC 919 291-1700	BROWN, ALAN REID 105 TIMOTHY LANE WAYNESVILLE 28786	DR 044 A L/R 704 452-5578	BROWN, WILLIAM RAY, JR. 3080 TRENWEST DR. WINSTON-SALEM 27104	HNS 034 A AC 919 765-3750
BRINKMAN, LINDA EVES 10 PALMETTO PLACE GREENVILLE 27834	074 A S 919 355-6121	BROWN, ANN CARLSON 1615 DOCTOR'S CIR. WILMINGTON 28401	GYN 065 A AC 919 343-1122	BROWNING, DAVID JUDSON 1600 E. THIRD ST. CHARLOTTE 28204	OPH 060 AC 704 371-3138
BRINTON, LEWIS FLOYD 603 E. CENTER AVE. PO BOX 550 MOORESVILLE 28115	GS /GYN 049 AC 704 664-1414	BROWN, ALBERT BELMONT 1900 RANDOLPH RD., STE. 900 CHARLOTTE 28207	P/CHP 060 AC 704 333-7722	BROWNING, DOUGLAS GUY 2050 CRAIG ST., APT. 23 WINSTON-SALEM 27103	034 A S 919 723-6603
BRISLEY, JON PHILIP 618-C HIBBARD DR. CHAPEL HILL 27514	032 A S 919 933-5874	BROWN, ANNE BARBARA 2055-A ACADEMY ST. WINSTON-SALEM 27103	034 A S 919 722-2275	BROWNLEE, ROBERT CALVIN 111 SILVER CEDAR COURT CHAPEL HILL 27514	PD 032 A AC 919 929-0461
BRITT, BENJAMIN EARL 1004 DRESSER COURT, STE. 108 RALEIGH 27609	P 092 A AC 919 876-0287	BROWN, CHARLES WILLIAM 2127 QUEENS ROAD, EAST CHARLOTTE 28207	GYN /OBS 060 A L/R 704 333-9852	BRUBECK, ELLEN TEMPLE 238 SMITH CHAPEL RD. MOUNT OLIVE 28365	FP /GER 096 A AC 919 658-4954
BRITT, SAMUEL EMERSON, II 295 W. 27TH ST. LUMBERTON 28358	GS 078 A AC 919 738-8556	BROWN, DANIEL ELMER 3001 ESSEX CIRCLE RALEIGH 27608	PD 092 A AC 919 782-0021	BRUCE, JAMES CRAWFORD 1036 PROFESSIONAL VILLAGE GREENSBORO 27401	IM /CD 041 A AC 919 378-9180
BRITT, TILMAN CARLISLE, JR. 216 GRACE STREET MOUNT AIRY 27030	CD /IM 086 AC 919 786-5745	BROWN, DAVID WARREN 891 W. WILLOW DRIVE CHAPEL HILL 27514	IM 032 AC 919 942-5123	BRUCH, RICHARD FRANKLIN TRIANGLE ORTHOPAEDIC ASSOC. A 2609 N. DUKE STREET DURHAM 27704	ORS /GER 032 A P AC 919 471-8431
BRITTIAN, LOWELL ELLIS 1900 CLOISTER DRIVE CHARLOTTE 28211	GP 060 AC 704 366-1809	BROWN, ERNEST HYDE, JR. 4300 FAYETTEVILLE ROAD LUMBERTON 28358	OBG 078 A AC 919 738-9601	BRUGGERS, BARRY ALAN 121 EDINBURGH SOUTH, #103 CARY 27511	OBG 092 P AC 919 467-5941
BRITTON, BLOYCE HILL, JR. BOWMAN GRAY, DEPT. OF OTO WINSTON-SALEM 27103	OTO /OT 034 A AC 919 745-4161	BROWN, FRANK MAC 1027 FLEMING STREET HENDERSOINVILLE 28739	ORS 045 AC 704 692-5781	BRUMBACK, GEORGE FRANKLIN 1105 MONTPELIER GREENSBORO 27401	OPH 041 A P AC 919 274-4626
BROADBENT, BRYAN, J.H. 1219 CHURTON ST. #41 WINSTON-SALEM 27103	034 A S 919 721-9971	BROWN, FRANK REID 1103 COUNTRY CLUB DRIVE GREENSBORO 27408	IM 041 A L/R 919 272-5048	BRUNER, ROBERT KINCAID 1732 CAMDEN ROAD WINSTON-SALEM 27103	034 A S 919 723-5506
BROADWELL, FREEMAN EDWARD, III 306 SPLIT RAIL CIR., APT. 201 NEWPORT NEWS, VA 23602	034 A S 919 727-1075	BROWN, GEORGE WALLACE 102 BROWN AVENUE HAZELWOOD 28738	FP 044 A AC 704 456-6021	BRUNETTI, LOUIS LEO 1350 S. KINGS DR. CHARLOTTE 28207	IM 061 A F 919 493-1966
BROCK, JULIAN STANLEY 200 ENGLEWOOD DRIVE ROCKY MOUNT 27804	R 064 A L/R 919 443-1353	BROWN, HOWARD RICHARD 4006 WESTFIELD DR. DURHAM 27705	ORS 032 A R 919 383-1617	BRUSINO, FRANCIS GREGORY 3230-J MYRA ST. DURHAM 27707	AN 032 A F 919 489-2770
BRODER, MICHAEL SYLVAN PO BOX 789 THOMASVILLE 27360	DR 029 A AC 919 472-2000	BROWN, JAMES WALTER, JR. 633 GRANDVIEW DR., NE CONCORD 28025	OTO /HNS 013 A L/R 704 786-3174	BRUTON, HENRY DAVID 195 W. ILLINOIS AVE. SOUTHERN PINES 28387	PD 063 A AC 919 692-2441
BRODEUR, DAVID 4800 UNIVERSITY DR. #24B DURHAM 27707	032 A S 919 493-6718			BRYAN, EDWIN LANCASTER 200 E. NORTHWOOD STREET GREENSBORO 27401	IM /CD 041 A P AC 919 274-7601

RYAN, JAMES ALEXANDER, II	IM /HEM 032	BULLARD, HOKE VOGLER, JR.	IM 098	BURKE, JAMES GILLUM	ORS 086
NC MEMORIAL HOSPITAL	* AC	WILSON CLINIC	A * AC	414 W. LEBANON STREET	A P AC
DEPT. OF MEDICINE		WILSON 27893	919 291-7001	P. O. BOX 1544	
CHAPEL HILL 27514	919 966-2268	BULLEN, DORIS C.M.	P 063	MOUNT AIRY 27030	919 789-9041
RYAN, JOHN HUGH	TR /HEM 026	PO BOX 56	AC	BURKE, JAMES OTIS, JR.	PD 029
DEPT OF RADIATION THERAPY	A P AC	DARTMOUTH CLINIC, PA		8 MEDICAL PARK DRIVE	AC
BOX 41208, CAPE FEAR MED. CTR.		SOUTHERN PINES 28387	919 692-6471	LEXINGTON 27292	704 249-4911
FAYETTEVILLE 28304	919 323-6690	BULLINGTON, WALTER GRAHAM	OPH /AM 060	BURKE, JOSEPH ANTHONY	R 078
RYAN, THOMAS RHUDY, JR.	PD /OBS 097	4335 COLWICK RD.	A P * AC	4117 VANN DRIVE	A AC
MEDICAL ARTS BUILDING	AC	CHARLOTTE 28211	704 364-7400	LUMBERTON 28358	919 276-2121
P. O. BOX 1163		BULLOCK, THURMAN MONROE, JR.	FP /A 024	BURKE, PATRICK	PD 060
NORTH WILKESBORO 28659	919 838-2500	PO BOX 465	A AC	5950 FAIRVIEW RD. STE. 100	AC
RYAN, WILLIAM ALEXANDER, III	PD 011	CHADBourn 28431	919 654-5369	3 FAIRVIEW PLAZA	
ASTON PARK CENTER	A AC	BULLOCK, WILLIAM ROBERT	IM /OM 060	CHARLOTTE 28210	704 551-4200
53 S. FRENCH BROAD AVENUE		217 TRAVIS AVENUE	A AC	BURKE, WILLIAM ALLEN	D 074
ASHEVILLE 28801	704 258-0969	CHARLOTTE 28204	704 372-3350	502 WINSTEAD RD.	A AC
RYAN, WILLIAM BLAIR	PD 060	BUMGARNER, JOHN HENRY	AN /PUD 080	GREENVILLE 27834	919 551-2555
1700 ABBEY PLACE	A AC	P. O. BOX 1735	P AC	BURKHARDT, NATHAN LESLIE, JR.	ORS 011
CHARLOTTE 28209	704 523-7232	SALISBURY 28144	704 638-1000	129 MCDOWELL ST.	A AC
RYANT, JAMES EDWARD	FP 064	BUMGARNER, JOHN REED	CD /CD 041	ASHEVILLE 28801	704 258-8800
P. O. BOX 589	AC	221 MISTLETOE DR.	A L/RT	BURKHART, CECIL ROBERT	PTH /CLP 079
ROCKY MOUNT 27801	919 977-6701	GREENSBORO 27403	919 373-1123	1006 OAKCREST DRIVE	
RYANT, JAMES EDWIN	IM 086	BUNCE, PAUL LESLIE	U 032	REIDSVILLE 27320	919 349-8461
P. O. BOX 68	AC	ROUTE #7, BOX 646	L/RT	BURKHART, CHARLES ANDREW	IM /GP 034
YADKINVILLE 27055	919 679-2041	CHAPEL HILL 27514	919 933-8766	345 WESTVIEW DRIVE, S.W.	A AC
RYANT, LYNETTE	074	BUNDY, WILLIAM LUMSDEN	IM /GP 097	WINSTON-SALEM 27104	919 761-1541
PO BOX 7069	A S	DOCTORS BLDG.	A L	BURKHART, VERNON ANDERSON	OM /IM 041
GREENVILLE 27835		PO BOX 786		2700 W. MARKET ST.	AC
RYANT, WILLIAM FRANKLIN, JR.	PD 060	N. WILKESBORO 28659	919 838-2442	GREENSBORO 27403	919 379-6961
1700 ABBEY PLACE	A AC	BUNN, DAVID GLENN	GP 024	BURLESON, WILLIAM ROWELL	U 078
CHARLOTTE 28209	704 523-7232	EAST MAIN STREET	AC	101 WEST 27TH STREET	A AC
UCHANAN, HARRY GLENN	FP 061	WHITEVILLE 28472	919 642-2016	LUMBERTON 28358	919 738-7166
203 BROAD STREET	AC	BUNN, DAVID GLENN, JR.	OBG 065	BURNETT, JOHN WESLEY, JR.	FP 025
SPRUCE PINE 28777	704 765-7361	2215 CANTERWOOD DR.	AC	810 KENNEDY AVE.	A AC
UCHANAN, ROBERT A., JR.	CD /IM 032	WILMINGTON 28401	919 763-1031	NEW BERN 28560	919 633-1678
2609 N. DUKE ST., STE 403	A AC	BURAPAVONG, THAVIJ DAVID	PS /GS 040	BURNETTE, HOWARD OLSEN	GP 076
DURHAM 27704	919 471-8441	416 GATEWOOD AVENUE	AC	108 N. COBLE STREET	A RT
UCHIN, DAVID LEE	EM /P 092	HIGH POINT 27260	919 882-2531	RANDLEMAN 27317	919 498-2500
14212 CROSS CREEK ROAD	AC	BURBA, ALONZO RICHARD	FP 098	BURNETTE, J. P.	IM 098
RALEIGH 27614	919 876-8333	1700 S. TARBORO ST.	A AC	ENGLEWOOD DR., KENLY CLI.	A AC
UCKALEW, VARDAMAN M. JR.	NEP /IM 034	WILSON 27893	919 291-1300	KENLY 27542	919 284-5151
300 S. HAWTHORNE ROAD	A AC	BURCH, LARRY THOMAS	P 045	BURNEY, DONALD PATRICK	CDS /TS 041
WINSTON-SALEM 27103	919 748-2062	3 ESSEX LANE	A AC	1317 N. ELM ST., STE. 1	A AC
UCKLEY, EDWARD GEORGE	OPH /PD 032	HENDERSONVILLE 28739	919 768-6930	GREENSBORO 27401	919 373-8245
BOX 3802, DUKE EYE CENTER	A * AC	BURCH, WILLIAM HOBART	FP 045	BURNEY, FREDRIC ARLEN	FP 004
DURHAM 27705	919 684-6084	BOX 285, HARRIS RD AND 74	A AC	402 MORVEN ROAD	AC
UCKWALTER, JOSEPH ADDISON	GS 032	LAKE LURE 28746	704 625-9121	WADESBORO 28170	704 694-2129
NCMH, DEPT. OF SURGERY	A AC	BURCHEL, HAROLD CURTIS	FP 029	BURNHAM, STEVEN JAMES	GS 032
CHAPEL HILL 27514	919 966-4220	201 W. HOLLY HILL ROAD	A AC	UNC, DEPT. OF VS	A AC
UFF, SAMUEL JOSEPH	DR 025	THOMASVILLE 27360	919 475-2915	229-H CLINICAL SCIENCE BLDG.	
P. O. BOX 2065	A AC	BURCHETTE, BRUCE WILSON	074	CHAPEL HILL 27514	919 966-3391
NEW BERN 28560	919 633-5057	G-6 DOCTOR'S PARK APTS.	A S	BURNS, MARGARET VIRGINIA	P 011
UFFONG, ERIC ARNOLD	OBG /END 067	GREENVILLE 27834	919 758-6981	146 VICTORIA ROAD	A L
1703 COUNTRY CLUB RD., STE. 203	A P AC	BURCHFIELD, WILLIAM JOHN	OPH 013	ASHEVILLE 28801	704 254-4616
JACKSONVILLE 28540	919 346-2182	500 LAKE CONCORD RD., NE	A AC	BURNS, STANLEY SHERMAN, JR.	OTO 060
UGG, CHARLES PAULETT	PD 092	CONCORD 28025	704 782-1127	1600 E. THIRD STREET	A AC
DIV. OF SOCIAL SERVICE-DDS	P AC	BURDETTE, FRED MCPHERSON, JR.	GP 065	CHARLOTTE 28204	704 372-3300
PO BOX 243		1221 D COLUMBUS CIRCLE	A L/RT	BURNS, WALTER WOODROW, JR.	GS 032
RALEIGH 27602	919 733-4484	WILMINGTON 28403	919 457-6865	901 WILLOW DRIVE	A * AC
UGG, EVERETT IRVING, JR.	ORS 032	BURDICK, RICHARD LAWRENCE	IM 098	CHAPEL HILL 27514	919 967-8258
RT. #2, BOX 143	A L	1704 S. TARBORO ST.	A AC	BURQUEST, BRET	P 060
PITTSBORO 27312	919 286-1249	WILSON 27893	919 291-7001	9600 PINEVILLE-MATTHEWS RD.	A P AC
JIE, RODERICK MARK, JR.	IM /CD 041	BURGESS, GLENN NORMAN	P 034	PO BOX 39	
101-F N. PARK DR.	A P L/RT	190 CHARLOIS BOULEVARD	A AC	PINEVILLE 28134	704 541-0800
GREENSBORO 27401		WINSTON-SALEM 27103	919 768-6930	BURROUGHS, FRANKLIN DANFORD	FP 070
JJARD, ROBERT S., JR.	P 012	BURGESS, WILLIAM PATRICK	NEP /IM 060	P. O. BOX 248	A AC
331 N. FIRST STREET	A P AC	928 BAXTER STREET	A AC	HATTERAS 27943	919 986-2388
ALBERMARLE 28001	704 433-2058	CHARLOTTE 28204	704 374-1321	BURROUGHS, FREDERICK DOUGLAS	PD 092
JJOLD, EDWARD JAMES	FP 012	BURHANS, ROLLIN SCOFIELD, JR.	GS 032	100 SUNNYBROOK ROAD, STE. 202	AC
12 DUDLEY AVE.	AC	1830 HILLANDALE ROAD	A * AC	RALEIGH 27610	919 821-3180
GRANITE FALLS 28630	704 396-3168	DURHAM 27705	919 383-5531	BURROUGHS, PAUL LEACH, JR.	ORS 092
JKHARI, MUSHTAQ AHMAD	GE /IM 012	BURKART, JOHN	IM /NEP 034	3410 EXECUTIVE DRIVE	A P AC
DOCTOR'S CLINIC	A AC	300 S. HAWTHORNE RD.	A AC	RALEIGH 27609	919 872-5296
RUTHERFORD COLLEGE		WINSTON-SALEM 27103	919 748-3963	BURROUGHS, RUTH REUBEN	PH /PD 092
VALDESE 28690	704 437-8314	BURKART, THOMAS ELMA	NEP 074	6413 MARGATE COURT	A RT
JLLA, JEFFERSON DAVIS, II	FP 001	6 DOCTOR'S PARK	A * AC	RALEIGH 27612	919 781-5015
780 WOODY DRIVE	AC	GREENVILLE 27834	919 752-8880	BURRUS, JAMES HENRY	GYN 023
GRAHAM 27253	919 228-1354	BURKE, ANNETTE BLACKMON	PD 078	P. O. BOX 1256	A AC
JLLARD, DENNIS EUGENE	NS 032	4117 VANN DRIVE	AC	SHELBY 28150	704 482-2486
BOX 3128, DUMC	A AC	LUMBERTON 28358	919 739-0243	BURT, TERRENCE WILLIAM	EM 011
DURHAM 27710	919 684-2766	BURKE, DAVID JOSEPH	ORS 013	405 WINDSWEEP DR. #703	AC
JLLARD, GEO. M., JR.	FP 001	528 LAKE CONCORD ROAD, N. E.	A AC	ASHEVILLE 28801	704 255-4032
202 S. FIFTH ST.	A AC	PO BOX 1606		BURTON, CLAUDE SHREVE, III	D /IM 032
MEBANE 27302		CONCORD 28025	704 788-3155	BOX 3511, DUMC	AC
				DURHAM 27710	919 684-5037

BURTON, EARL EDWARD, JR. 3900 BROWNING PLACE RALEIGH 27609	D/IM 092 A * AC 919 782-2735	BYNUM, ROBERT WILLIAM, IV 100 NASH MEDICAL ARTS MALL ROCKY MOUNT 27801	NEP /IM 064 AC 919 443-9084	CALDWELL, LAWRENCE MCCLURE, SR. 406 S. COLLEGE AVE. NEWTON 28658	GP 018 A L/RT 704 464-2330
BURTON, HARRY G., III 257 MCDOWELL ST. ASHEVILLE 28803	CDS /TS 011 A AC 704 258-1121	BYRD, CHARLES WILLIAM P. O. BOX 698 DUNN 28334	FP 043 A L/RT 919 892-2464	CALDWELL, ROBERT MANFRED 227 GRACE ST. MOUNT AIRY 27030	PH 086 A L/RT 919 374-2131
BURTON, LEROY MELVIN 100 SUNNYBROOK RALEIGH 27610	IM 092 AC 919 821-1710	BYRD, KERRY WENDELL 152 CHARLESTOWNE CIRCLE WINSTON-SALEM 27103	034 A S 919 765-3033	CALHOUN, AUBREY DANIEL 435 E. STATESVILLE AVE. MOORESVILLE 28115	IM 049 A AC 704 663-4443
BURWELL, WALTER BRODIE 317 ORANGE STREET HENDERSON 27536	IM 091 A L 919 438-5619	BYRD, VERNON DALE 1015-B WESTOVER DR. GREENVILLE 27834	074 A S 919 551-1812	CALL, DAVID LEE MOREHEAD MEM. HOSP.-RAD EDEN 27288	DR 079 AC 919 623-9711
BUSBY, JULIAN GOODE, JR. 307 N. LINDSAY ST. HIGH POINT 27260	OBG 040 A AC 919 885-0149	BYRD, WILLIAM EUGENE 1724 E. TENTH ST. PO BOX 1093 WELDON 27890	RHU /IM 042 AC 919 535-1082	CALLAGHAN, WILLIAM M. PO BOX 427 LAKE JUNALUSKA 28745	OBG 044 AC 704 456-7369
BUSBY, MERLE RUDY 901 W. HENDERSON STREET SALISBURY 28144	GS 080 A AC 704 633-1581	BYRNE, JOHN JACOB PO BOX 32861 CHARLOTTE 28232	AN 060 A AC 704 338-2372	CALLAHAN, JOSEPH BRODHEAD MEDICAL ARTS BUILDING HENDERSON 27536	OBG 091 A AC 919 492-8576
BUSBY, WILLIAM JARVIS 105 PINEYWOOD ROAD THOMASVILLE 27360	ORS 029 AC 919 475-8141	BYRNES, THOMAS HENDERSON, JR. 309 PINEYWOOD ROAD THOMASVILLE 27360	IM /CD 029 A * AC 919 475-8121	CALLAHAN, RICHARD DALE 1 DOCTOR'S DR. ASHEVILLE 28801	ON /HEM 011 A AC 704 254-8232
BUSCH, JAMES R. 1700 S. TARBORO ST. WILSON 27893	PD 098 A AC 919 291-4370	BYRNETT, JEFFREY WILLIAM 1624 MEMORIAL DR. BURLINGTON 27215	GS /VS 001 A AC 919 229-6428	CALLAWAY, CLIFFORD KAY 4600 HOLBROOK DR. CHARLOTTE 28212	EM 060 AC 704 588-3418
BUSER, STEVEN DONALD 1707 WARD ST. DURHAM 27707	032 A S 919 493-3046	BYRON, ROBERT SILL 675 BILTMORE AVENUE ASHEVILLE 28803	P 011 A AC 704 254-5369	CALLAWAY, JASPER LAMAR DUKE UNIV. MED. CTR. DURHAM 27710	D 032 A * L/RT 919 684-3432
BUSH, JANICE KAREN 137 ESSEX DR. CHAPEL HILL 27514	PD /ADL 032 A AC 919 248-2459	BYRUM, CLIFFORD CONWELL 2800 BLUE RIDGE RD., STE. 301 RALEIGH 27607	GYN 092 A L 919 782-0124	CALLAWAY, SAMUEL CLAYTON, JR. 2311 DELANEY ROAD WILMINGTON 28403	OTO 065 * AC 919 762-8754
BUSHER, JANICE THERESE 133 ANTLER RD. GREENVILLE 27834	IM 074 A AC 919 551-4633	BYRUM, GRAHAM VANCE P. O. BOX 540 SCOTLAND NECK 27874	FP /GP 042 A AC 919 826-3143	CALLISON, WILLIAM JOSEPH STE. 101, 445 BILTMORE CENTER ASHEVILLE 28801	ORS 011 A AC 704 254-7271
BUSS, DAVID HUMPHREY 237 GRANDVIEW DRIVE WINSTON-SALEM 27104	PTH /HEM 034 AC 919 748-2641	BYRUM, GRAHAM VANCE, JR. 6 DOCTORS PARK GREENVILLE 27834	IM /NEP 074 A AC 919 752-8880	CALTON, WILLIAM CUYLER, JR. 3625 MANFORD DR. DURHAM 27707	032 A S 919 493-5372
BUSSE, EWALD WILLIAM BOX 2948, DUMC DURHAM 27710	P/GER 032 A P AC 919 684-3416	CABERWAL, DALJIT SINGH P. O. BOX 1509 ASHEBORO 27203	U 076 A AC 919 625-3997	CAMBLOS, JOSHUA FRY BULLITT 17 FOREST ROAD ASHEVILLE 28803	GS /GYN 011 A L/RT 704 274-2794
BUSTARD, VICTOR WILLIAM 1912 NEUSE BOULEVARD NEW BERN 28560	OBG /GYN 025 A AC 919 633-3339	CABLE, THOMAS ALLEN 206 FISHER PARK CIRCLE GREENSBORO 27401	FP 041 A AC 919 379-4132	CAMERON, JOHN DARROCH 132-A W. MILLER ST. ASHEBORO 27203	FP 076 A AC 919 625-1360
BUTER, THOMAS HENRY 120 PROVIDENCE ROAD CHARLOTTE 28207	ORS 060 A AC 704 377-0351	CABRAL, DEBORAH BARBARA 208-B W. CENTER ST. LEXINGTON 27292	FP 029 A P AC 704 249-2921	CAMNITZ, PAUL SAMUEL BOX 5007 GREENVILLE 27834	OTO 074 A P AC 919 752-5227
BUTLER, CAREY JONES 516 OWEN DRIVE FAYETTEVILLE 28304	OTO 026 * AC 919 485-6101	CABUGWASON, LUCILA NOVAL 28 N. MAIN ST. PO BOX 726 NORWOOD 28128	GP 084 AC 704 474-3317	CAMP, EDWARD HAYS 112 BALSAM DRIVE WAYNESVILLE 28786	GS 044 A L/RT 704 456-9858
BUTLER, FREDERICK CLARENCE, JR. 1915 GLEN MEADE ROAD WILMINGTON 28403	OPH 065 A P * AC 919 763-3601	CACERES, MARCO ANTONIO PO BOX 458 ROANOKE RAPIDS 27870	GS /TS 042 A AC 919 537-6525	CAMP, THOMAS FRANCIS, JR. 2800 BLUE RIDGE, STE. 205 RALEIGH 27607	IM /CD 092 AC 919 782-0414
BUTLER, JAMES HILTON 3155 MAPLEWOOD AVENUE WINSTON-SALEM 27103	R 034 A AC 919 765-2702	CADELL, TILLIE HORKEY P. O. BOX 519 PINEHURST 28374	GP 063 A L 919 295-5511	CAMPANO, MANUEL OSWALDO P. O. BOX X-3 GREENSBORO 27402	PTH 041 A AC 919 854-6462
BUTLER, LARRY STEPHEN 1832 DOCTOR'S DR. SANFORD 27330	OBG 053 P AC 919 774-8761	CAHN, JACK RICHARD ROUTE #1, BOX 439 SPARTA 28675	FP 003 AC 919 372-5606	CAMPBELL, ALLEN BARRY 93 VICTORIA ROAD ASHEVILLE 28801	OBG 011 A AC 704 253-4821
BUTLER, RADFORD NORMAN 2240 CLOVERDALE AVE., STE. 206 WINSTON-SALEM 27103	IM 034 A AC 919 725-7587	CAIN, FRANK CORAL, JR. 224 NEW HOPE ROAD GASTONIA 28052	GP 036 AC 704 865-8241	CAMPBELL, CHARLES BRUCE, III 2827 LYNDBURST AVE., STE. 204 WINSTON-SALEM 27103	OPH 034 AC 919 768-0725
BUTLER, ROBERT HOYT 132 W. MILLER STREET ASHEBORO 27203	GE 076 A P AC 919 625-3218	CAIN, JAMES RAVENEL ECU GREENVILLE 27858	NEP 074 919 551-2545	CAMPBELL, DIANE JANE 2315 EXECUTIVE PARK CIR. PO BOX 8307 GREENVILLE 27835	OBG 074 A P AC 919 830-1035
BUTTERLY, DAVID WM. 705 CROSSTIMBERS DR. DURHAM 27713	032 A R 919 684-8111	CALABRETTA, ARTHUR MATTHEW 1012 KINGS DR., STE. 706 CHARLOTTE 28283	PS 060 A AC 704 333-7791	CAMPBELL, DONALD BARNES 3100 BLUE RIDGE RD. RALEIGH 27612	IM 092 A AC 919 781-7500
BUTTERWORTH, JOHN F., IV 300 S. HAWTHORNE RD. WINSTON-SALEM 27103	AN 034 A AC 919 748-2439	CALDEMEYER, JOHN EVERETT 715 FLEMING ST. HENDERSONVILLE 28739	DR 045 A AC 704 693-1441	CAMPBELL, FRANCIS MICHAEL 503 E. STATESVILLE AVE. MOORESVILLE 28115	GS 049 AC 704 663-7905
BUTTS, JOHN DAVIS, JR. OFF.OF CHIEF MEDICAL EXAMINER CHAPEL HILL 27514	FOP 032 AC 919 966-2253	CALDWELL, BRUCE FRANCIS P. O. BOX 1006 CLINTON 28328	EM /GS 082 A AC 919 592-8511	CAMPBELL, FRANK HIGHSMITH P. O. BOX 53651 FAYETTEVILLE 28305	GS /TS 026 A AC 919 485-6161
BYERLY, JAMES HAMPTON P. O. BOX 340 SANFORD 27330	GP 053 A L 919 775-5932	CALDWELL, DAVID STEWART BOX 2978, DUMC DURHAM 27710	RHU /IM 032 A AC 919 684-3313	CAMPBELL, JAMES ARCHIBALD 1955 RANDOLPH ROAD CHARLOTTE 28207	OBG 060 AC 704 376-3536
BYERLY, WESLEY GRIMES, JR. 24 SECOND AVENUE, N.E. HICKORY 28601	GS 018 A * AC 704 328-2231	CALDWELL, GEORGE LEONHARD, JR. 2038 QUEEN ST. WINSTON-SALEM 27103	034 A S 919 722-3629	CAMPBELL, JEFFREY PAUL APT. 16 HOLLAND DR. CHAPEL HILL 27514	032 A S
BYLCIW, STANLEY ROBERT PO BOX 1538 SMITHFIELD 27577	ORS 051 A P AC 919 934-1094	CALDWELL, JESSE BURGOWNE, JR. 1307 PARK LANE GASTONIA 28052	GYN 036 A P * L/RT 704 865-0968	CAMPBELL, JOSEPH LESTER 306 FOREST HILLS ROAD WILSON 27893	GPM /PH 098 A L 919 291-8523
BYNUM, DONALD K., JR. 245 BURNETT-WOMACK BLDG. 229-H A UNC SCHOOL OF MEDICINE CHAPEL HILL 27514	ORS /HS 032 AC 919 966-2030	CALDWELL, LAWRENCE M. II P. O. BOX 849 NEWTON 28658	GE /IM 018 P AC 704 464-4550	CAMPBELL, PAUL THOMAS 1321 NEW CASTLE RD. APT. A-13 DURHAM 27704	032 A R 919 471-9244

CAMPBELL, PETER BRUCE ECU SCH. OF MEDICINE GREENVILLE 27834	ID /IM 074 A AC 919 551-2550	CARR, HENRY JAMES, JR. 603 BEAMAN STREET CLINTON 28328	IM 082 A P * AC 919 592-6114	CASERIO, JAMES JOSEPH 547 N. JUSTICE ST. HENDERSONVILLE 28739	IM 045 A * AC 704 692-5096
CAMPBELL, ROBERT RICHARD 2700 MEDICAL OFFICE PLACE GOLDSBORO 27530	R 096 A P AC 919 734-1866	CARR, JENIFER 248 S. SUNSET DR. WINSTON-SALEM 27103	034 A S 919 773-0369	CASEY, DEBORAH M. 138 N. SUNSET DR. APT. #2 WINSTON-SALEM 27101	034 A * S 919 724-4442
CAMPBELL, WALKER HAWES 2400 WAYNE MEMORIAL DRIVE GOLDSBORO 27530	OBG 096 A AC 919 734-3344	CARR, JOHN FERGUSON, II 1200 BROAD ST. DURHAM 27705	D 032 A AC 919 286-7903	CASEY, DENNIS NELSON KINSTON CLINIC, NORTH KINSTON 28501	DR 054 A AC 919 527-7077
CANADAY, MAURICE LEWIS 110 DOCTOR'S PARK PO BOX 578 LINCOLN 28092	FP /CD 055 AC 704 735-7413	CARR, KENT EMERSON 3404 MERRIFIELD RD. ROCKY MOUNT 27804	IM 074 A R	CASEY, MARY FRANCES 210 CEDARWOOD LN. CARRBORO 27510	032 A S 919 942-4799
CANDELA, STEPHEN JOSEPH PO BOX 260 SUPPLY 28462	ORS 010 A AC 919 754-4355	CARR, MARJORIE BARNWELL 2800 BLUE RIDGE BLVD., STE. 501 RALEIGH 27607	PD 092 A AC 919 781-7490	CASH, DAVID WAYNE 310 DAVIE AVE. STATESVILLE 28677	FP 049 A AC 704 873-3269
CANIPE, TOMMIE LEE P. O. BOX 5229 HIGH POINT 27262	GS /TS 040 A AC 919 887-3164	CARR, RAYMOND EDWARD 624 QUAKER LN., STE. C-101 HIGH POINT 27262	GS /TS 040 A AC 919 883-1348	CASHMAN, JOHN 1905 GLEN MEADE ROAD WILMINGTON 28403	U 065 A P * AC 919 763-6251
ANNON, EUGENE BOLIVIA 366 LEXINGTON ROAD ASHEBORO 27203	PD 076 A L/RT 919 625-2460	CARR, WILLIAM C. 5394 PERSHING AVE. #2E ST. LOUIS, MO 63112	PD 000 A R	CASHWELL, LEON FRANKLIN, JR. 300 S. HAWTHORNE ROAD WINSTON-SALEM 27103	OPH 034 A * AC 919 748-4091
ANNON, THOMAS BERNARD 2805 LYNTHURST AVENUE WINSTON-SALEM 27103	FP 034 AC 919 768-8890	CARROLL, BARBARA ANNE P. O. BOX 1357 HILLSBOROUGH 27278	R 032 A AC 919 684-2711	CASSIANO, COLEY JAMES 1016-A PROFESSIONAL VILLAGE GREENSBORO 27401	FP 041 AC 919 379-1156
ANNON, WOODWARD 2800 BLUE RIDGE BLVD. STE. 305 RALEIGH 27607	GS 092 A AC 919 781-7416	CARROLL, CHARLES FISHER, JR. CABARRUS MEMORIAL HOSPITAL CONCORD 28025	PTH 013 A AC 704 788-5987	CASTELL, DONALD OVERTON 300 S. HAWTHORNE RD. WINSTON-SALEM 27103	GE 004 AC 919 748-4612
ANTLEY, LARRY KEITH 2933 MAPLEWOOD AVE. WINSTON-SALEM 27103	END 034 A P AC 919 765-1640	CARROLL, FRANCIS MURRAY 104 SEVENTH AVENUE CHADBOURN 28431	FP /A 024 A AC 919 654-3143	CASTELLANI, WM. JOHN ECU SCHOOL OF MEDICINE DEPT. OF CLINICAL PATHOLOGY GREENVILLE 27834	PTH 074 A AC 919 757-4928
ANUPP, TONY WAYNE PO BOX 729 MOORESVILLE 28115	IM 049 AC 704 663-5566	CARSON, CULLEY CLYDE, III BOX 3274, DUMC DURHAM 27710	U 032 A AC 919 684-2127	CASTELLOE, THOMAS EDISON P. O. BOX 10707 RALEIGH 27605	ORS 092 A AC 919 781-5600
APIZZI, ROBERT LAWRENCE 300 S. HAWTHORNE RD. WINSTON-SALEM 27103	ON /HEM 034 A AC 919 748-4464	CARSON, SHANNON STEWART 42-A STRATFORD HILLS APTS. CHAPEL HILL 27514	FP 074 A AC 919 524-4463	CATALANO, PHILIP M. 1416 59TH ST. WEST BRADENTON, FL 33529	D 057 A AC 792 293-4000
APOROSI, PAUL VINCENT PO BOX 2227 HICKORY 28603	OBG 018 A AC 704 322-4920	CARSON, JACK OLIVER P. O. BOX 549 GRIFTON 28530	032 A S 919 968-8231	CATENACCI, RICHARD 1114 MAIDEN LANE, APT. 10 REIDSVILLE 27320	AN 079 AC 919 349-8461
APPIELLO, DAVID LAWRENCE 129 MCDOWELL STREET ASHEVILLE 28801	ORS 011 A P AC 704 258-8800	CARSWELL, JANE TRIPLETT P. O. BOX 960 LENOIR 28645	FP 014 A AC 704 754-0541	CATHART, CORNELIUS FITZHAROLD MARIA PARHAM HOSPITAL HENDERSON 27536	PD 091 AC 919 492-9565
ARANDANG, NAPOLEON VELUZ AT&T TECHNOLOGIES, INC. P. O. BOX 25000 GREENSBORO 27420	IM /OM 041 AC 919 279-3627	CARTER, COLEMAN DELYNNE 217 TRAVIS AVENUE CHARLOTTE 28204	IM 060 A AC 704 372-3350	CATHELL, EDWIN JENNINGS P. O. BOX 440 LEXINGTON 27292	GS 029 A L/RT 704 246-2745
ARBONELL, ANTONIO MIGUEL 3320 EXECUTIVE DR. STE. 222 RALEIGH 27609	PS 092 A * AC	CARTER, JAMES HARVEY BOX 3106, DUMC DURHAM 27710	P 032 A AC 919 684-6102	CATO, ALLEN EASLEY, JR. 3030 CORNWALLIS RD. RESEARCH TRIANGLE PK 27709	PD /PUD 032 A AC 919 248-4537
ARDWELL, WILLARD 2312 LAFAYETTE GREENSBORO 27408	IM /CD 041 A L/RT 919 288-4740	CARTER, JAMES WALTER 10 DOCTOR'S PARK STANTONSBURG ROAD GREENVILLE 27834	TS /GS 074 A P AC 919 758-1747	CATTIE, JOHN VINCENT 106 E. PHIFER STREET MONROE 28110	GS /CDS 090 A AC 704 289-8528
AREY, ANDREW B. 13E COURTNEY SQUARE GREENVILLE 27858	074 A R 919 758-5510	CARTER, JOEL MILES P. O. BOX 340 SHELBY 28150	TR 023 A AC 704 487-3144	CAUDLE, JOHN ALLEN 1900 RANDOLPH RD., STE. 918 CHARLOTTE 28207	P 060 A P AC 704 333-7722
ARLSON, KENNETH PAUL 2932 LYNTHURST AVE. WINSTON-SALEM 27103	U 034 A AC 919 765-4021	CARTER, JOHN JEFFERSON, JR. CITY RT. #3, 311 FAIRGROUND RD SPINDALE 28160	P 081 AC 704 287-2211	CAUGHEY, DALE WELLS, JR. 5305-A WRIGHTSVILLE AVENUE WILMINGTON 28403	IM 065 AC 919 799-4220
ARLTON, THOMAS KERN, JR. 720 GROVE STREET SALISBURY 28144	PD 080 * AC 704 636-5576	CARTER, MARGARET FRONEBERGER FORSYTH MEMORIAL HOSPITAL 3333 SILAS CREEK PARKWAY WINSTON-SALEM 27103	AN 034 A AC 919 760-5691	CAUGHAN, JOHN HAMILTON 120 PROVIDENCE ROAD CHARLOTTE 28207	ORS 060 A AC 704 377-0351
ARLTON, WILLIAM YARBOROUGH 509 WESTOVER AVE. WINSTON-SALEM 27104	P 034 A AC 919 722-9939	CARTER, NEEDHAM BATTLE 3811 WOODLAWN RD. ROCKY MOUNT 27804	IM /CD 064 A RT 919 977-6746	CAUSEY, ANDREW JACKSON 210 VALLEY STREAM ROAD STATESVILLE 28677	OPH /OTO 049 L 704 873-8337
ARMACK, KEITH K.K. KITTY HAWK MEDICAL CTR. SR 338-F KITTY HAWK 27949	FP 070 AC 919 261-3848	CARTER, NUMA RICHARDSON, JR. 512 DIXON BOULEVARD SHELBY 28150	FP 023 A * AC 704 487-7540	CAVALLO, MARTYN J. 130-N E. LONGVIEW RD. CHAPEL HILL 27514	032 A S 919 942-2342
ARMICHAEL, DENNIS D. 2711 RANDOLPH RD., STE. 205 CHARLOTTE 28207	CHP /P 060 AC 704 372-5238	CARTER, PHILIPS JOHN 315 W. WENDOVER AVENUE GREENSBORO 27408	ORS 041 A P AC 919 275-0724	CAVANAUGH, PATRICK JOSEPH 4420 LAKE BOONE TRAIL RALEIGH 27607	TR 092 A AC 919 783-3018
ARNES, ROBERT S., III 300 S. HAWTHORNE RD. WINSTON-SALEM 27103	AN 034 AC 919 748-2927	CARTER, ROBERT WILSON KERNODLE CLINIC BURLINGTON 27215	IM /CD 001 A * AC 919 227-3621	CAVENDER, CARY PAUL 202-B SHILOH DR. GREENVILLE 27834	074 A S 919 355-7327
ARNEY, CHARLES NOEL UNC, DEPT. OF PATHOLOGY CHAPEL HILL 27514	PTH 032 AC 919 966-4676	CARTER, STEVEN RAYMOND 355 AZALEA RD. SOUTHERN PINES 28387	AN 063 A * AC 919 692-2273	CAVENESS, MICHAEL BRYAN 1453-B CAMERON COURT WILMINGTON 28401	032 A S
ARO, JOSE FRANCISCO ECU, DEPT. OF MEDICINE GREENVILLE 27834	END /IM 074 A AC 919 551-2571	CARTY, BRIAN CLIFFORD 120-4 RAINRIDGE DR. WINSTON SALEM 27104	034 A S 919 765-7147	CAVINESS, VERNE STRUDWICK 913 VANCE STREET RALEIGH 27608	CD /IM 092 A L/RT 919 832-4258
ARPENTER, KENNETH C. P. O. BOX 699 LENOIR 28645	GP 014 AC 704 754-7861	CARVER, DONALD D. 218 CONNER DR. APT. 24 CHAPEL HILL 27514	032 A S 919 968-6403	CECH, ALEX CHARLES BOX 2710, DUMC DURHAM 27710	032 A S 919 383-8355
ARR, DAVID RUDDLE 5407 SW 80TH TERR GAINESVILLE, FL 32608	032 A * S	CARVER, GORDON MALONE, JR. 114 CRUTCHFIELD ST. DURHAM 27705	TS /GS 032 A AC 919 286-1245	CECIL, STEPHEN GERARD 607 WOODBERRY DR. GOLDSBORO 27530	AN 096 A AC 919 731-6089

CEBALO, ROBERT CHARLES 430 LAKESHORE LANE CHAPEL HILL 27514	OBG /NPM 032 AC 919 966-1601	CHAPMAN, CHARLES GRANGER 6134 DEVERON DRIVE CHARLOTTE 28211	BLB 060 A RT 704 366-2057	CHERRY, WILLIAM HILL, JR. 519 BROOKDALE DR. STATESVILLE 28677	OBG 048 AC 704 873-6483
CELESTINO, FRANK SAMUEL 3400 YORK ROAD WINSTON-SALEM 27104	FP 034 A AC 919 748-2258	CHAPMAN, GEOFFREY SEWALL 2400 CLOISTER DR. CHARLOTTE 28211	HEM /ON 060 AC 704 372-8750	CHESSON, ARTHUR SAUNDERS, JR. 1501 DOCK ST. WILMINGTON 28401	PD 065 AC 919 762-1744
CELLA, JOHN ROBERT P. O. BOX 19509 RALEIGH 27619	R 092 A * AC 919 833-1407	CHAPMAN, JESSE PUGH, JR. 520 BILTMORE AVENUE ASHEVILLE 28801	TS /GS 011 L/RT 704 252-7357	CHEWNING, SAMUEL JACKSON, JR. 1822 BRUNSWICK AVE. CHARLOTTE 28207	ORS 060 A AC 704 372-9820
CHALFA, NICOLAI P. O. BOX 1864 HIGH POINT 27261	AN 040 A AC 919 882-2567	CHAPMAN, LYNNE WAGONER 106 BERKSHIRE ROAD GREENVILLE 27858	IM 074 A R 919 756-5966	CHI, HONG YUP 105 N. MAIN AVENUE NEWTON 28658	FP 018 A AC 704 464-5424
CHALFANT, WILLIAM PAXSON 56 LAKE CONCORD ROAD, N.E. CONCORD 28025	GS /CDS 013 A P AC 704 786-1104	CHAPMAN, ROBERT AMASA P. O. BOX 728 BANNER ELK 28604	FP 006 AC 704 898-4828	CHIARAMONTI, ALEXANDER 101 CARY PKWY. SW. #210 CARY 27511	D 092 A P AC 919 467-8556
CHALLA, VENKATA RAMANA 200 FLINTSHIRE ROAD WINSTON-SALEM 27104	PTH /NA 034 A AC 919 768-0591	CHAPMAN, SHELLEY J. UNC-CH 121 MACNIDER BLDG. CHAPEL HILL 27514	A S 919 722-7006	CHIAVETTA, STEPHEN VICTOR 4420 LAKE BOONE TRAIL RALEIGH 27607	PTH /HEM 092 A AC 919 755-3040
CHAMBERLAIN, JACK KENNETH ECU, SCHOOL OF MEDICINE GREENVILLE 27834	HEM /ON 074 A AC 919 551-2560	CHAPMAN, TODD MASTERS 1822 BRUNSWICK AVE. CHARLOTTE 28207	ORS 060 A AC 704 373-0544	CHICONE, THOMAS GERARD 1711 LYNWOOD AVE. WINSTON-SALEM 27104	EM 034 A AC 919 765-9328
CHAMBERLAIN, MATTHEW P. 136 FOREST ACRES DR. GREENVILLE 27834	074 A S 919 551-3267	CHARLTON, JOHN DAVID 1301 W. WENDOVER AVENUE GREENSBORO 27408	A 041 919 275-0441	CHIKES, PETER GEORGE 34 ARDSLEY AVE., NE CONCORD 28025	OTO 013 A P * AC 704 782-2166
CHAMBERLIN, HARRIE ROGERS UNC, DEPT. OF PEDIATRICS CHAPEL HILL 27514	PD 032 L/RT 919 966-5171	CHARLTON, LEI SHERRIE HEALTHCO INC. PO BOX 425 MANSON 27553	IM 091 AC 919 456-2181	CHILDERS, MELVIN DAVIS, JR 1928 RANDOLPH RD., STE. 109 CHARLOTTE 28207	OPH 060 P AC 704 372-3070
CHAMBERS, ARTHUR LLOYD 3619 WESTRIDGE CIRCLE DR. ROCKY MOUNT 27801	EM 064 * AC 919 443-8172	CHARLTON, OLIVER PATRICK 4420 LAKE BOONE TRAIL RALEIGH 27607	DR 092 A AC 919 755-3023	CHILDERS, TERRY CELY 131 MCDOWELL ST. ASHEVILLE 28801	PD 011 AC 704 254-9811
CHAMBERS, KENNETH HENLEY 700 E. STONEWALL ST., STE. 220 CHARLOTTE 28202	OBG 060 A AC 704 377-0711	CHASE, ROBERT EUGENE 1816 PEMBROKE RD., STE. #2 GREENSBORO 27408	AN 041 P AC 919 272-3720	CHILES, NOAH HAMPTON 501 WESTWOOD AVENUE HIGH POINT 27262	IM 040 A AC 919 882-3911
CHAMBERS, ROBERT EDWARD 1839 E. GARRISON BOULEVARD GASTONIA 28054	PD 036 AC 704 864-2685	CHASSON, ALBERT LEON REX HOSPITAL RALEIGH 27607	PTH 092 A AC 919 755-3058	CHIMIAK, JAMES MICHAEL 303 EFFINGHAM ST. APT. 4J PORTSMOUTH, VA 23704	032 A S 919 395-6840
CHAMBERS, ROBERT TILLMAN 104 BETHESDA MEDICAL CENTER WINSTON-SALEM 27103	PD 034 A AC 919 765-5242	CHATTERJEE, BENU 4940-C NORTH BLVD. RALEIGH 27604	IM 092 AC 919 878-3838	CHIPLEY, PATRICK LINCOLN P. O. BOX 399 ENKA 28728	GP 011 AC 704 667-2531
CHAMBLEE, DONALD VANCE 211 S. SHARON AMITY ROAD CHARLOTTE 28211	FP 060 A * AC 704 366-7586	CHAUDHRY, ABDUL GHAFUOR 2800 BLUE RIDGE BLVD. STE. 306 RALEIGH 27607	CDS /GS 092 A AC 919 782-7900	CHITWOOD, WALTER R., JR. 106 JAMESTOWN ROAD GREENVILLE 27834	CDS /TS 074 A AC 919 551-4822
CHAMBLEE, HUBERT ROYSTER, JR. 20 ENTERPRISE STREET RALEIGH 27607	OPH 092 A * AC 919 829-1948	CHAUDHRY, HASHMAT ALI 725-C HAMILTON ST. ROANOKE RAPIDS 27870	OPH 042 A P AC 919 537-0522	CHIULLI, RICHARD ALLEN 137 JAMES CREEK ROAD SOUTHERN PINES 28387	GS 063 A AC 919 295-1141
CHAMBLEE, JOHN SIGMA 509 E. CHURCH STREET NASHVILLE 27856	PH /GPM 064 A L/RT 919 459-2223	CHAUDHURI, DEBI PRASAD 1617 OWEN DRIVE FAYETTEVILLE 28304	GS 026 AC 919 323-0101	CHOI-CHUNG, MOON SOOG EASTGATE CENTER SYLVA 28779	PM 050 AC 704 586-5508
CHAMBLISS, JOHN RANDOLPH 100 NASH MEDICAL ARTS MALL ROCKY MOUNT 27801	IM 064 A AC 919 443-9084	CHEANEY, RUSSELL ALAN 300 GROVER ST. SHELBY 28150	AN 023 P AC 704 482-5716	CHOI, SAN HO 102 DOCTORS BUILDING FRANKLIN N C 28734	GS 056 A AC 704 524-7464
CHAN, KRAMMIE M. 1424-D2 WYLDEWOOD RD. DURHAM 27704	032 A S 919 477-3083	CHEEK, GEORGE WASHINGTON, JR. 317 ENGLEMAN BURLINGTON 27215	GS 001 A RT 919 584-6551	CHOKSI, JANAK KANTILAL 405 RUDD ST. B BURLINGTON 27215	ON /IM 001 AC 919 226-0276
CHAN, STEVEN PING BOWMAN GRAY STUDENT BOX 91 WINSTON-SALEM 27103	034 S 919 724-1708	CHEEK, JOHN MERRITT, JR. 1414 KENT STREET DURHAM 27707	GS 032 A L/RT 919 489-1241	CHOONG, HAN PYO P. O. BOX 548 503 THIRD STREET, SW TAYLORSVILLE 28681	GS 002 A AC 704 632-7467
CHANCE, JAMES KENNETH 802 MCCARTHY BLVD. NEW BERN 28560	OPH 025 A AC 919 633-4183	CHEEK, THOMAS SIDNEY 601-C N. 8TH STREET SMITHFIELD 27577	IM 051 AC 919 934-2310	CHOW, CAROLINE CHIA-LIN 311 S. LASALLE ST. # 50P DURHAM 27705	032 A S 919 286-4154
CHANDLER, ARTHUR CECIL, JR. 1830 HILLANDALE ROAD DURHAM 27705	OPH 032 A AC 919 383-5531	CHEELY, GEORGE RAYBURN 3020 NEW BERN AVE., STE. 420 RALEIGH 27610	CD /IM 092 A P AC 919 781-7557	CHOW, GREGORY HENKUO #9 GEORGETOWN CT. DURHAM 27705	032 A S 919 383-6849
CHANDLER, EDGAR TED 741 HIGHLAND AVE. WINSTON-SALEM 27101	IM 034 A AC 919 727-2097	CHEESBOROUGH, JOHN DAVIDSON 827 S. HORNER BOULEVARD SANFORD 27330	D 053 AC 919 775-7926	CHRISTAKOS, ARTHUR CHRIS BOX 2976, DUMC DURHAM 27710	GYN 023 A AC 919 684-4647
CHANDLER, HOWARD CHRISTY, JR. 3716 S. W. 2ND PLACE GAINESVILLE, FL 32607	034 S 919 722-3709	CHEN, CHIH-CHENG FRANK 1608 WELLINGTON AVENUE WILMINGTON 28401	N 065 A AC 919 395-5521	CHRISTENSEN, FRANK HOWARD 109 CONNER DR., STE. 2207 CHAPEL HILL 27514	OPH /PS 032 A AC 919 933-1294
CHANDLER, JOE THURSTON 928 BAXTER STREET CHARLOTTE 28204	NEP /IM 060 A AC 704 374-1321	CHEN, KEH-FANG 604 W. KING ST. KINGS MOUNTAIN 28086	OBG 023 AC 704 739-8059	CHRISTENSEN, HARVEY EARL ROUTE #2, BOX 190 CONOVER 28613	GS /TS 018 AC 704 322-9105
CHANG, JOHN SHYUEYI P. O. BOX 715 LINCOLNTON 28092	OBG 055 A AC 704 732-3346	CHEN, KEH-FANG 604 W. KING ST. KINGS MOUNTAIN 28086	OBG 023 AC 704 739-8059	CHRISTIAN, BERNIE JOSEPH 948 WALKER AVENUE GREENSBORO 27403	GP /OM 041 A AC 919 275-7665
CHAPIN, JOHN HARMON ROUTE #2, BOX 130 LANSING 28643	FP 005 AC 919 982-2158	CHEN, TONG YONG PO BOX 33549 CHARLOTTE 28233	AN 060 A AC 704 371-4049	CHRISTIANSON, DANA JOHN 102 WATER OAK SUITES BREVARD 28712	OPH 088 A P AC 704 884-7320
CHAPLIN, CHARLES HAL 2215 RANDOLPH ROAD CHARLOTTE 28207	PS /GS 060 A AC 704 372-6846	CHEREN, ISA 1900 QUEEN ST., APT. C-8 WINSTON-SALEM 27103	A S 919 724-3782	CHRISTOPHER, WILLIAM EDWARD, JR 242 S. COLONIAL AVE. CHARLOTTE 28207	P 060 A AC 704 375-4405
CHAPLIN, DON CLARENCE KERNODLE CLINIC, INC. BURLINGTON 27215	IM /CD 001 A P * AC 919 227-3621	CHERRY, JEAN MICHELE 38-C LAUREL RIDGE HWY 54 CHAPEL HILL 27514	032 A * S 919 968-0846	CHRYSLER, CHARLES OTIS 3894 E. INDEPENDENCE BLVD. CHARLOTTE 28205	FP 060 A AC 704 537-5424
CHAPLINSKI, THOMAS JOSEPH 1705 W. 6TH ST. GREENVILLE 27834	ON /HEM 074 A AC 919 752-6101				

CHUNG, HONG-YILL	GP 067	CLARK, TERRENCE PETER	CHP /P 011	CLONINGER, CHARLES EDGAR	FP 018
407 CARMEN AVENUE	AC	445 BILTMORE AVE., STE. 304	AC	RT. #2, BOX 14DC	A L/RT
JACKSONVILLE 28540	919 353-2800	ASHEVILLE 28801	704 252-1421	SHERRILLS FORD 28673	704 478-3155
CHUNG, IL WHAN	U 050	CLARK, THEODORE RUST	P/N 063	CLONINGER, GILES LATHERN, JR.	FP 077
SYLVA UROLOGICAL CLINIC, PA	AC	PO BOX 56	A AC	115 MAIN STREET	A AC
EASTGATE CENTER		SOUTHERN PINES 28387	919 692-6471	HAMLET 28345	919 582-1319
SYLVA 28779	704 586-5507	CLARK, THOMAS BOYLE, III	PTH 032	CLONINGER, KENNETH LEE, JR.	NS 041
CHUNG, JOSEPH YANGSOO	GS/GP 059	P. O. BOX 2951	A R	200 E. NORTHWOOD ST., STE. 504	A AC
1200 MEDICAL COURT	A AC	DURHAM 27705	919 684-3300	GREENSBORO 27401	919 272-4578
MARION 28752	704 652-5818	CLARK, VIVIAN E.	GYN 032	CLONINGER, ROWELL CONNOR	GS 023
CHUNG, WAN SOO	GP 007	PO BOX 3317	AC	309 WESTFIELD RD.	L/RT
320 MCCASKEY ROAD	A AC	CHAPEL HILL 27514	919 942-8571	SHELBY 28150	704 487-8591
WILLIAMSTON 27892	919 792-1071	CLARK, WILLIAM MACKEY	R 060	CLONINGER, TIMOTHY EARL	TR 060
CHUNG, ZUN SUB	FP/EM 040	647 LLEWELLYN PLACE	A AC	P. O. BOX 35291	A AC
2926 S. MAIN STREET	A AC	CHARLOTTE 28207	704 371-4058	CHARLOTTE 28235	704 338-2272
HIGH POINT 27263	919 434-3118	CLARKE, DONALD KEITH	074	CLONTZ, TED HAMILTON	FP 060
CHURCH, JACK LEE	R/IM 012	1530-0 BRIDLE CIR.	A S	402 E. SUGARCREEK RD.	AC
BOX 104, BROUGHTON HOSP.	AC	GREENVILLE 27834	919 756-2072	CHARLOTTE 28213	704 596-0822
MORGANTON 28655	704 433-2256	CLARKE, LEN GORDON	FP 079	CLOUD, WILLIAM GRAYDON	GS/CDS 060
CHURCHILL, CAROL ANN	032	1018 E. MEADOW RD.	AC	3535 RANDOLPH RD., STE. 201-W	A AC
100-A TALL OAKS RD.	A S	EDEN 27288	919 623-6836	CHARLOTTE 28211	704 364-8100
CHAPEL HILL 27514	919 967-0763	CLARKE, THOMAS LAWRENCE	OBG 034	CLOUTIER, MICHAEL	R 040
CLIBERTO, SAMUEL DAVID	ORS 053	501 N. CLEVELAND AVENUE	AC	1005 SHAMROCK RD.	A AC
101 S. VANCE STREET	A P AC	WINSTON-SALEM 27101	919 722-3874	HIGH POINT 27260	919 887-1926
SANFORD 27330	919 776-0551	CLARKE, WILLIAM LOWE, JR	FP 018	CLUTTS, GEORGE ROBERT	GS/TS 041
CINTRON, RUBEN	034	551 THIRD ST. NE	L/RT	344 N. ELM STREET	A AC
300 S. HAWTHORNE RD.	A P S	HICKORY 28601	704 322-1361	GREENSBORO 27401	919 275-9554
MED. STUDENT, BOX 336		CLASSEN, CHARLES HENRY, JR.	ORS 054	CLYDE, WALLACE ALEXANDER, JR.	PD/ID 032
WINSTON-SALEM 27103	919 773-1564	KINSTON CLINIC, NORTH, STE. F	A AC	UNC SCHOOL OF MEDICINE 229-H	AC
CISZEK, THOMAS ARTHUR	NPM/PD 026	KINSTON 28501	919 522-2020	535 BURNETT-WOMACK CLI SC BLDG	
PO BOX 2000	A AC	CLAXTON, CALVIN PORTER, JR.	CDS/TS 011	CHAPEL HILL 27514	919 966-2331
FAYETTEVILLE 28302	919 323-6762	257 MCDOWELL STREET	A P AC	COBB, GREGORY WAYNE	OPH 067
CITRIN, KERRY ALAN	GS 029	ASHEVILLE 28803	704 258-1121	264 MEMORIAL DRIVE	AC
105 PINEYWOOD ROAD	A AC	CLAYTON, MELVIN LOUIS	IM/FP 008	JACKSONVILLE 28540	919 353-1030
P. O. BOX 1187		PO BOX 788	AC	COBEY, WILLIAM GRAY	PD 060
THOMASVILLE 27360	919 475-7148	ASHOSKE 27910	919 332-2993	2024 RANDOLPH ROAD	AC
CITRON, DAVID SANFORD	IM/FP 060	CLEAVER, H. DEHAVEN	GS/TS 064	CHARLOTTE 28207	704 375-4453
P. O. BOX 32861	A AC	100 MEDICAL ARTS MALL	AC	COBO, LIONEL MICHAEL	OPH 032
CHARLOTTE 28232	704 338-3146	ROCKY MOUNT 27801	919 443-9084	BOX 3802, DUKE EYE CTR.	A AC
CLAPP, HUBERT LEE	GP 011	CLEGG, HERBERT WILLIAMS, II	PD/ID 060	DURHAM 27710	919 684-3799
BOX 365	A L	2711 RANDOLPH RD. STE. 501	AC	COCHRAN, W. GERALD	PS 080
SWANANNOA 28778	704 686-3300	CHARLOTTE 28207	704 374-1747	410 MOCKSVILLE AVE.	A AC
CLAPP, JAMES ROBERT	IM/NEP 032	CLEMENT, JAMES EDWIN	GYN 074	SALISBURY 28144	704 633-8561
BOX 2991, DUMC	A AC	101 BETHESDA DRIVE	A AC	CODINGTON, JOHN BONNELL	GS 065
DURHAM 27710	919 684-6674	GREENVILLE 27834	919 758-4181	1501 MEDICAL CENTER DRIVE	AC
CLARK, ALAN BOYD	034	CLEMENTS, DENNIS ALFRED, III	PD/ID 032	WILMINGTON 28401	919 763-6289
BOWMAN GRAY, BOX 93	A S	119 WISTERIA DR.	A R	†CODNERE, JOHN THOMAS	U 011
WINSTON-SALEM 27103	919 724-4572	CHAPEL HILL 27514	919 684-6610	119 CHURCH STREET	A L/RT
CLARK, CATHERINE LEAH	FP 070	CLEVELAND, JEFFREY ALLEN	034	BLACK MOUNTAIN 28711	704 669-8721
4716 CROATAN HIGHWAY	AC	2000 VIRGINIA ROAD	S	COFFER, BERTRAM WATTS	AN 092
KITTY HAWK 27949	919 261-3848	WINSTON-SALEM 27104	919 723-8536	P.O. BOX 18139	A AC
CLARK, CHARLES EDWARD, III	OTO 032	CLEVENGER, ALVA BEN	PTH 016	2800 BLUE RIDGE RD. STE. 204	
2609 N. DUKE ST. STE. 306	AC	107 BELLE AIR ST.	A AS	RALEIGH 27619	919 781-7420
DURHAM 27704	919 471-8700	BEAUFORT 28516	919 728-2048	COFFEY, JAMES CECIL	GP 080
CLARK, DOUGLAS HENDON	GS 078	CLINE, DAVID MARTIN	EM 074	8 PINE TREE ROAD	L
295 WEST 27TH STREET	A AC	1211 RED BANKS RD.	A AC	SALISBURY 28144	704 633-3794
LUMBERTON 28358	919 738-8556	GREENVILLE 27858	919 551-2954	COGGESHALL, ALLAN BANCROFT	GS 041
LARK, DOUGLAS WINSTON	PD 032	CLINE, JAMES ALEXANDER	GS/EM 064	109 BEVERLY PLACE	A L/RT
306 S. GREGSON ST.	AC	WELLONGATE APTS. H-9	A RT	GREENSBORO 27403	919 299-7190
DURHAM 27701	919 688-6349	3430 SUNSET AVE.		COGGINS, DAVID ALLEN	S
LARK, FRANKLIN ST. CLAIR	GS/CDS 026	ROCKY MOUNT 27804	919 443-6444	3233-G PARK RD.	
1790 METROMEDICAL DRIVE	AC	CLINE, JOHN WILLIAM	OPH 032	CHARLOTTE 28209	919 967-7511
FAYETTEVILLE 28304	919 323-2626	1110 W. MAIN STREET	A AC	COHAN, RICHARD HARRIS	DR 032
LARK, JOHN BLUE, JR.	EM/IM 060	DURHAM 27701	919 682-9341	9 RABBITS GLEN TERRACE	A AC
3830 SILVERBELL DR.	A AC	CLINE, KATHLEEN ANN	EM 074	DURHAM 27713	919 681-2711
CHARLOTTE 28211	704 371-4160	1211 RED BANKS RD.	A AC	COHEN, ARTHUR R.	PTH 060
LARK, KENNETH JAMES, JR.	GE/IM 011	GREENVILLE 27858	919 551-4757	200 HAWTHORNE RD.	A AC
49 MCDOWELL ST.	A AC	CLINE, ROBERT SEITZ	FP 053	PRESBYTERIAN HOSPITAL	
ASHEVILLE 28801	704 258-3870	555 CARTHAGE STREET	A P AC	CHARLOTTE 28211	704 371-4814
LARK, LEE ANDREW, JR.	OPH 098	SANFORD 27330	919 774-6518	COHEN, KENNETH LEE	OPH 032
WILSON CLINIC	A AC	CLINE, WAYNE ALLEN	U 080	UNC, DEPT. OF OPHTHALMOLOGY A	AC
WILSON 27893	919 291-7001	909 W. HENDERSON STREET	AC	617 CLINICAL SCI. BLDG. 229-H	
LARK, LOUIS PHILLIP, JR.	HS/ORS 026	SALISBURY 28144	704 633-9441	CHAPEL HILL 27514	919 966-5296
225 TIMBERLAKE DR.	A AC	CLINE, WAYNE ALLEN, JR.	U 080	COHEN, MYRON SCOTT	ID 032
FAYETTEVILLE 28304	919 484-2171	909 W. HENDERSON STREET	A AC	UNC, 547 BURNETT-WOMACK, 229-H	AC
LARK, MARGARET ANNE	IM 034	SALISBURY 28144	704 633-9441	CHAPEL HILL 27514	919 966-2536
250 CHARLOIS BOULEVARD	A AC	CLINE, WILLIAM TUCKER	GS/CDS 092	COHEN, SUSAN RAY	032
WINSTON-SALEM 27103	919 768-4730	3400 EXECUTIVE DRIVE	A AC	208 HOWELL ST.	A S
LARK, PRESTON SAMUEL	END/IM 041	RALEIGH 27609	919 876-2732	CHAPEL HILL 27514	919 933-9444
MERRITT MEDICAL PLAZA	AC	CLINTON, HOWARD LESLIE, JR.	FP/EM 060	COLAVITA, PAUL G.	IM/CD 034
1511 WESTOVER TERR., STE. 101		2001 VAIL AVE.	AC	300 S. HAWTHORNE RD.	A AC
GREENSBORO 27408	919 373-0311	CHARLOTTE 28207	704 379-5917	WINSTON-SALEM 27103	919 748-4673
LARK, RICHARD LEE	DR 032	CLIPPINGER, FRANK WARREN, JR.	ORS 032	COLE, DEBRA WULFHORST	034
ROUTE #4, BOX 529	AC	BOX 3935, DUMC	A AC	840 MAGNOLIA DR.	A S
CHAPEL HILL 27514	919 966-4400	DURHAM 27710	919 684-4229	WINSTON-SALEM 27103	919 723-4036

COLE, JACK MARTIN D-7 BERKSHIRE MANOR APTS. CARRBORO 27510	A S	032	COLSON, JOSEPH SAMPSON P. O. BOX 429 OXFORD 27565	A RT	039	COOK, PERRY FLETCHER 2306 WILSON STREET DURHAM 27705	A S	032
COLE, ROGER DALE 840 MAGNOLIA ST. WINSTON-SALEM 27103	A S	034	COLSON, LACY ALSTON 23-G SUNNYBROOK ROAD RALEIGH 27610	IM/FP	092	COOK, RUSSEL CLIFFORD 608 E. 12TH STREET WASHINGTON 27889	PD	007
COLE, TOLLIE BOYCE BOX 3805, DUMC DURHAM 27710	OTO AC	032	COLTON, SHARON ANN PO BOX 1566 1446 E. GASTON ST. LINCOLNTON 28092	IM	055	COOK, WESLEY ALLEN, JR. DUMC, DIV. OF NEURO-SURGERY DURHAM 27710	NS AC	032
COLE, WARREN HENRY 8 W. KENSINGTON ROAD ASHEVILLE 28804	GS RT	011	COMBS, JOHN GILBERT, JR. 2318 BLYTHE ROAD WILMINGTON 28403	704 732-3348 R	065	COOK, WILLIAM EUGENE 115 S. CHURCHILL DRIVE FAYETTEVILLE 28303	FP/PUD	026
COLEMAN, GORDON DONALD 1920 S. 16TH ST. WILMINGTON 28401	PD AC	065	COMBS, JOSEPH JOHN 335 SPRINGMOOR DR. RALEIGH 27615	919 392-2610 IM/PUD	092	COOKE, JAMES HARBIN, JR. 130 LAKE CONCORD RD. CONCORD 28025	IM	013
COLEMAN, JAMES BARR 604 W. MAIN STREET WASHINGTON 27889	GS AC	007	COMPEAU, PHILLIP E. C. 1710 PARKWOOD DR., SOUTH WILKESBORO 28697	A L/RT	097	COOKE, RALPH MCBRIDE 631 ELK SPUR ST. ELKIN 28621	GP/GER	086
COLEMAN, LESTER L., JR. P. O. BOX 376 HILDEBRAN 28637	FP AC	018	COMPTON, JOHN WALLACE 2700 MEDICAL OFFICE PLACE GOLDSBORO 27530	919 848-7335 IM	096	COONRAD, RALPH WOODWARD 1828 HILLDALE ROAD DURHAM 27705	ORS/HS	032
COLEMAN, NANCY LOU 403 HILLTOP ST. GREENVILLE 27858	A S	074	CONARD-CORKEY, ELIZABETH M. 519 HERMITAGE COURT CHARLOTTE 28207	919 734-1866 PH/GPM	060	COOPER, ARMAH JAMALE 604-B PASTEUR DR. GREENSBORO 27403	A P AC	041
COLEMAN, PETER R. 207 CONNER DR., APT. 22 CHAPEL HILL 27514	FP R	032	CONARD, DAVID LLOYD BLACK RIVER HEALTH CENTER ATKINSON 28421	704 375-7831 IM	060	COOPER, EDWIN BRANAN, JR. KINSTON CLINIC, NORTH, STE. F KINSTON 28501	ORS/PM	054
COLEMAN, PHILIP DIVOLL 625 E. 12TH ST. WASHINGTON 27889	GS/TS	007	CONDIE, SCOTT DOUGLAS 1198 WYKE ROAD SHELBY 28150	919 283-7783 FP	023	COOPER, HERBERT A. UNC, DEPT. OF PEDIATRICS BURNETTE-WOMACK BLDG. 229-H CHAPEL HILL 27514	PHO/CLP	032
COLEMAN, RALPH EDWARD DUMC, DEPT. OF RADIOLOGY DURHAM 27710	NM AC	032	CONE, DONALD FRANK 1604 ST. ANDREWS ROAD GREENSBORO 27408	704 487-1148 TR/DR	041	COOPER, LYLE RAY PO BOX 2685 3 NEW BERN MEDICAL ARTS CTR. NEW BERN 28560	IM AC	025
COLES, DEBRA LYNN 212 MCCAULEY ST. 1-B CHAPEL HILL 27514	FP S	032	CONLEY, MARTIN JAMES, JR. 1515 DOCTOR'S CIRCLE WILMINGTON 28401	919 379-4143 CD/IM	065	COOPER, MILES ROBERT 300 S. HAWTHORNE ROAD WINSTON-SALEM 27103	ON/HEM	034
COLETTA, HARRY MARIO, II MAIN STREET, BOX 678 WALNUT COVE 27052	FP A	034	CONNELL, GEORGE FREDERICK 1105 BROOKSIDE DRIVE WILSON 27893	919 763-5182 AN	098	COOPER, RANDOLPH A. S. #6 LANDOVER CT. DURHAM 27713	IM/HEM	032
COLEY, ELWOOD BROGDEN 3500 WESTGATE DR. STE. 701 DURHAM 27707	PD AC	032	CONNELLY, JERRY HUBBARD 212-C W. WENDOVER AVE. GREENSBORO 27401	919 291-1700 GP/GPM	041	COOPER, WILLIAM CORNELIUS, JR. 124 FOY DRIVE ROCKY MOUNT 27801	A S	064
COLEY, SILAS BODIE, JR. 815 KENMORE ROAD CHAPEL HILL 27514	P/N AC	032	CONNER, JOEL DEWITT 471 COX ROAD GASTONIA 28052	919 275-3828 GYN	036	COPELAND, DANA DERWARD 10004 GRADY CIRCLE RALEIGH 27609	PTH	092
COLLAWN, THOMAS HERBERT 1901 RANDOLPH RD. CHARLOTTE 28207	AN AC	060	CONRAD, ELIZABETH 1862 RUNNYMEADE RD. WINSTON-SALEM 27104	704 865-0033 PD	034	COPELAND, DONALD LEE ROUTE #1 DAVIDSON 28036	FP AC	060
COLLETT, JAMES ROUNTREE 2203 S. STERLING ST., STE. 231 MORGANTON 28655	IM/CD	012	CONRAD, LARRY LEE RR 1, BOX 129-G HALLSBORO 28442	919 723-1213 EM	024	COPELAND, GARY BENJAMIN 1629 OWEN DRIVE FAYETTEVILLE 28304	OPH	026
COLLIER, ALBERT MILFORD UNC, 535 CLINICAL SCIENCE BLDG CHAPEL HILL 27514	PD/ID	032	CONSTIEN, DANIEL JOHN AURORA MEDICAL CENTER P. O. BOX 40 AURORA 27806	919 642-9735 FP	007	COPELAND, GARY BRENT 2080 QUEEN ST. WINSTON-SALEM 27103	A S	034
COLLIGAN, JOSEPH FRANCIS 192 VILLAGE DRIVE JACKSONVILLE 28540	P/CHP	067	CONTIGIANNIS, MARY ANN 3529 SPICEBUSH TRAIL GREENSBORO 27410	919 322-4021 A S	074	COPPEDGE, THOMAS OLIVER, JR. 1900 RANDOLPH RD. CHARLOTTE 28207	DR	060
COLLINGS, GILBEART H., JR. 5533 NATOMA DR. FT. MYERS, FL 33907	OM/PM	088	COOK, BRIAN DOCTORS PARK APTS. U-1 GREENVILLE 27834	919 756-6143 A S	074	COPPRIDGE, ALTON JAMES 923 BROAD STREET DURHAM 27705	A AC	032
COLLINS, CHARLES DAVID PO BOX 1385 ROCKINGHAM 28379	GS AC	077	COOK, CHARLES ALVIN 1108 DRESSER COURT RALEIGH 27609	919 758-3689 NEP/IM	092	CORBETT, JOHN RICHARD 924 HOWE ST. SOUTHPORT 28461	A R	010
COLLINS, DAVID DUTROW 2825 LYNDBURST AVE., STE. 101 WINSTON-SALEM 27103	PUD/IM	034	COOK, DAVID MARTIN 117 OAK ST. CARRBORO 27510	919 872-8550 A S	032	CORCORAN, EDWIN EMMONS 69 MCDOWELL STREET ASHEVILLE 28801	IM/GE	011
COLLINS, DAVID LEONARD 48 ARDSLEY AVE. NE CONCORD 28025	GS AC	013	COOK, DAVID OWEN 2652 TANTELO PL. WINSTON-SALEM 27107	919 968-9933 U	034	CORDELL, A. ROBERT BOWMAN GRAY SCH. OF MED. WINSTON-SALEM 27103	CDS/TS	034
COLLINS, FRANCIS FARRELL, JR. 205 PAGE RD. PINEHURST 28374	IM/PUD	063	COOK, DONALD EUGENE, JR. 808 CIRCLE DR. UNION FAMILY PRACTICE, PA MONROE 28110	919 785-0393 FP	090	CORLEY, MALCOLM OSBOURNE ROUTE #1, BOX 391 SYLVA 28779	DR	050
COLLINS, WARREN JAMES 105 GROVER STREET SHELBY 28150	GYN	023	COOK, JAMES HOSMER 281 MCDOWELL STREET ASHEVILLE 28803	704 289-5443 D	011	CORLEY, MARK R. 2300 KATI COURT, STE. C SHELTON, WVA 98584	OPH	032
COLLINS, WILLIAM STUART 3969 QUILLING ROAD WINSTON-SALEM 27104	P AC	034	COOK, JOHN EDMUND PO BOX 96 CAMDEN 27921	704 252-5679 AN	070	CORLEY, ROBERT WILLIAM 2700 COUNTRY CLUB LN. CHARLOTTE 28205	IM/CD	060
COLLINSON, FRANK WILSON MEM. HOSP. X-RAY DEPT. WILSON 27893	DR/NR	098	COOK, JOSEPH WILLIAM 1960 RANDOLPH ROAD CHARLOTTE 28207	919 338-1542 A AC	060	CORNWALL, THOMAS PAUL 2501 NORTH ST., STE. 330 RALEIGH 27607	PYA/CHP	092
COLLMAN, MITCHELL SCOTT PO BOX 17569 RALEIGH 27619	CD/IM	092	COOK, LELAND JAMES 420 N. CENTER ST. HICKORY 28601	704 373-1500 GS	018	CORPENING, ALBERT NEWTON 141 E. MAIN ST. PO BOX 158 YOUNGSVILLE 27596	FP AC	092

CORPENING, JOSEPH DURHAM 720 GROVE STREET SALISBURY 28144	PD 080 AC 704 636-5576	COX, RUSSELL JACKSON 902 COX RD. STE. C GASTONIA 28052	PD 036 AC 704 864-6522	CREECH, JOSEPH JAN 707 LASSITER ST. SMITHFIELD 27577	IM 051 AC 919 934-0212
CORRELL, EARL EUGENE KANNAPOLIS MEDICAL CLINIC KANNAPOLIS 28081	GP 013 A P AC 704 933-2101	COX, STANLEY CULLEN, III 205 CREST ROAD SOUTHERN PINES N C 28387	OTO 063 A AC 919 295-6831	CREED, DON WENDELL HOSPITAL DRIVE, BOX 1477 ELIZABETHTOWN 28337	GP 009 A AC 919 862-8184
CORT, CAROLYN RAY P. O. BOX 188 BURNSVILLE 28714	PD 061 AC 704 682-6912	COX, STEPHEN HAMPTON 2208 BROOKWOOD TRAIL SANFORD 27330	FP /A 053 A AC 919 258-6521	CREED, GEORGE OTIS DECEASED - 5-17-87 LAURINBURG 28352	GP 083 A L 919 276-0421
COSGROVE, KENNETH EDWARD 510 7TH AVENUE, WEST HENDERSONVILLE 28739	IM /CD 045 A AC 704 692-2231	COX, WILLIAM FOSCUE 3740 KIRKLEES ROAD WINSTON-SALEM 27104	IM /GPM 034 A L/RT 919 765-2626	CREGAN, GREGG EDWARD BOX 25007 1425 PLAZA DR. WINSTON-SALEM 27114	ORS /HS 034 AC 919 768-1270
COSTENBADER, WM. B., JR. 131 MCDOWELL STREET ASHEVILLE 28801	OTO /HNS 011 A AC 704 254-3517	COXE, JAMES SHERWOOD, III 3410 EXECUTIVE DRIVE RALEIGH 27609	END /IM 092 A AC 919 876-7692	CREIGHTON, ROBERT KILGO 6442 SHINNWOOD RD. WILMINGTON 28403	OBG 065 AC 919 256-6356
COTTEN, AARON R. 108-B CEDAR COURT GREENVILLE 27858	074 A S 919 551-0571	CRACKER, ANDREW ROBERT 1809 GLEN MEADE ROAD WILMINGTON 28401	OBG 065 A AC 919 763-9833	CREWS, DAVID ALLEN 3106 MADISON AVE. GREENSBORO 27403	AN 041 AC 919 299-6343
COTTLE, RONALD WADE 118 E. WALTER ST. WHITEVILLE 28472	FP 024 A AC 919 642-2706	CRADDOCK, LARRY WAYNE 449 N. WENDOVER RD. CHARLOTTE 28211	OBG 060 A AC 704 376-0360	CREWS, HARRY DENNISTON 10 MCDOWELL STREET ASHEVILLE 28801	AC NEP /IM 011 A AC 704 258-8545
COTTRELL, WILLIAM MILNES 758 WILLIAMSBURG DR. CONCORD 28025	AN 013 A AC 704 786-2111	CRAIG, ISAAC ALAN LENOIR MEMORIAL HOSPITAL KINSTON 28501	PTH 054 AC 919 522-7141	CRIGLER, NORRIS WOLF, JR. P. O. BOX 2959 ASHEVILLE 28801	R 011 AC 704 254-4617
DOUGHLIN, PAUL WM. FITZHENRY 624 QUAKER LANE, D-100 HIGH POINT 27262	U 040 A AC 919 886-5151	CRAIG, ROBERT LAWRENCE 16 COLONIAL PLACE ASHEVILLE 28804	P 011 A L/RT	CRISP, SELLERS LUTHER 6 MEDICAL PAVILION GREENVILLE 27834	ORS 074 A AC 919 752-4613
COUNCIL, ALBERT BARBEE, JR. 701 S. VAN BUREN ROAD EDEN 27288	FP 079 A AC 919 623-1514	CRAIN, BARBARA JEAN 106 FOXRIDGE COURT CHAPEL HILL 27514	PTH 032 A AC 919 286-0411	CRISMAN, CLINTON SAMUEL 219 E. ELM STREET GRAHAM 27253	FP 001 A L 919 226-2448
COUNCIL, JOHN CROMARTIE, JR. 1851 E. THIRD ST., STE. 103 CHARLOTTE 28204	PD 060 A AC 704 333-6659	CRAIN, JACK LEE PO BOX 32861 CHARLOTTE 28232	GYN /END 060 A AC 704 372-4600	CRISMAN, MARK ANDERS 219 E. ELM ST. GRAHAM 27253	FP 001 A AC 919 226-2448
OUNDOURIOTIS, ANDREW 1408 WASHINGTON ST. DURHAM 27701	032 A S 919 683-2785	CRANDALL, ROBERT GORDON 1900 RANDOLPH RD. STE. 900 CHARLOTTE 28207	P 060 A AC 704 333-7722	CRIST, TAKEY 200 MEMORIAL DRIVE JACKSONVILLE 28540	OBG 067 A AC 919 353-2115
COURIE, MAURICE NICKOLA 3145 ESSEX CIRCLE RALEIGH 27608	GYN 092 A AC 919 782-3698	CRANE, GEORGE WILLIAM, JR. 1200 BROAD STREET DECEASED - 3-23-87 DURHAM 27705	IM 032 L 919 286-4889	CRITTENDEN, SUSAN LAWRENCE 103 BAINES CT. CARY 27511	IM 092 AC 919 467-6125
COURTS, ANDREW JOHNSON 1024 PROFESSIONAL VILLAGE GREENSBORO 27401	CHP /P 041 A AC 919 272-4262	CRANE, LARRY MARTIN 24 CHANCERY PLACE DURHAM 27707	D 032 A AC 919 286-7903	CROCKER, DANIEL LIND 100 NASH MEDICAL ARTS MALL ROCKY MOUNT 27801	ON /HEM 064 AC 919 443-9084
COUTURE, MARK MOSCOE 902 COX RD. STE. G GASTONIA 28054	GS 036 A AC 704 864-6011	CRANFORD, HAROLD DAVIS 22 YOUNG DR. PO BOX 747 LEXINGTON 27292	DR 032 A AC 919 470-5289	CROFT, JAMES MORRIS P. O. DRAWER 849 MORGANTON 28655	FP 012 A AC 704 437-9401
OVEY, JONATHAN BALDRIDGE P-2 OLD WELL APTS. 501 JONES FERRY RD. CARRBORO 27510	032 A S 919 942-5477	CRANZ, OSCAR WILLIAM 1605 DUBOSE DR. PO BOX 1316 KINSTON 28501	OPH 029 AC 704 249-7544	CROMARTIE, WILLIAM JAMES 804 FLOB 23L-H/DEPT.MIC.& IMMUNOLOGY UNC SCHOOL OF MEDICINE CHAPEL HILL 27514	ID 032 A L 919 966-5925
OVINGTON, CONNELL 100 SUNNYBROOK RD. STE. 202 RALEIGH 27610	PD /GP 092 AC 919 821-3180	CRAVEN, DALLAS CLIFFORD, JR. 2104 RANDOLPH ROAD CHARLOTTE 28207	GS 054 A L/RT 919 523-3677	CROWN, MURPHY ALAN P. O. BOX 488 LINCOLNTON 28092	GP 055 AC 704 735-3048
OVINGTON, DONALD SCOTT 136-A PUREFOY RD. CHAPEL HILL 27514	032 A S	CRAVEN, FREDERICK THORNS P. O. BOX 185 CONCORD 28025	GS 060 A AC 704 377-3900	CROOK, JOHN NEWMAN 56 LAKE CONCORD ROAD CONCORD 28025	GS /CDS 013 A AC 704 786-1104
OVINGTON, JOHN M.C. 506 FRANKLIN STREET ROANOKE RAPIDS 27870	OPH 042 A L/RT 919 537-3644	CRAVEN, NICHOLAS SCOTT 123 EASTSIDE DR. LEXINGTON 27292	GP 013 A L/RT 704 782-2710	CROOM, ARTHUR BASCOM 1311 ROBIN HOOD RD. HIGH POINT 27260	R 040 A L/RT 919 882-6057
OVINGTON, MARTIN CADE 212 W. MAIN STREET SANFORD 27330	FP 053 AC 919 776-1412	CRAVEN, THOMAS, JR. 2001 S. 17TH STREET WILMINGTON 28401	FP /P 029 AC 704 246-2253	CROOM, DORWYN WAYNE, II 311 S. SHORE DR. NEBO 28761	PTH 012 AC
OWAN, LEON KERR WILSON DERM. CLINIC, PA 702 BROAD ST. WILSON 27893	D 098 A AC 919 291-5600	CRAWFORD, JOHN LITTLEFIELD, III 1701 OLD VILLAGE ROAD HENDERSONVILLE 28739	ORS 065 A AC 919 763-7344	CROOM, ROBERT DEVANE, III NCMH, DEPT. OF SURGERY CHAPEL HILL 27514	GS 032 A AC 919 966-4416
OWAN, ROBERT JENKINS 2869 FAIRMONT ROAD WINSTON-SALEM 27106	NM /R 034 A AC 919 748-4932	CRAWFORD, JOHN ROBERT, III 310 N. MAIN STREET SALISBURY 28144	OPH 045 A AC 704 693-1773	CROOM, ROBERT DEVANE, JR. 501 MCCASKILL AVE. MAXTON 28364	GP 078 A L/RT 919 844-3160
OWARD, HOLLYJEAN 305 S. HAWTHORNE RD. APT. 8 WINSTON-SALEM 27103	034 A S 919 724-4554	CRAWFORD, LARRY CLARKE 316 N. GRAHAM-HOPEDALE RD. BURLINGTON 27215	OPH 080 A P AC 704 633-7542	CROSBY, EDWARD BROWN PO BOX 1980 ASHEVILLE 28802	ORS /HS 011 A P AC 704 258-0847
OX, ALEXANDER MCNEIL 325 S. MARKET STREET MADISON 27025	GP 079 A L/RT 919 548-2240	CRAWFORD, ROBERT CECIL, JR. P. O. BOX 5543 HIGH POINT 27262	GS /TS 001 A AC 919 227-3621	CROSBY, FAITH BERNADETTE 244 FAIRVIEW DRIVE LEXINGTON 27292	PD 029 AC 704 246-4333
OX, JEFFREY NEAL 537 S. HAWTHORNE RD. APT. 9 WINSTON-SALEM 27104	034 A S 919 725-3571	CRAWFORD, ROBERT ORR, JR. 101 CLINIC DR. TARBORO 27886	OBG 040 AC 919 889-5422	CROSBY, IVAN KEITH 2827 LYNTHURST AVE., STE. 205A WINSTON-SALEM 27103	034 A P AC
OX, JOHN BALDWIN 4511 ROLLINGWOOD DR. DURHAM 27713	PUD /IM 032 A R 919 493-4674	CRAWLEY, GEORGE EDWARD, III 1113 HILLSIDE DR. GREENVILLE 27834	OPH 033 A AC 919 823-2105	CROSKERY, RICHARD WILLIAM 1705 W. 6TH ST., BLDG. E GREENVILLE 27834	IM 074 AC 919 752-6101
OX, PATRICIA MARY 3004 UNIVERSITY DR. DURHAM 27707	032 A S 919 489-0179	CREDLE, WILLIAM FRONTIS, JR. 1202 MEDICAL CENTER DRIVE WILMINGTON 28401	074 A S 919 830-0748	CROSLAND, DAVID BAILEY 1054 BURRAGE ROAD, N. E. CONCORD 28025	OBG 013 A AC 704 788-4151
OX, RONNIE LEWIS 624 QUAKER LANE HIGH POINT 27262	/CD 040 AC 919 885-2111		PUD /IM 065 A AC 919 763-8251		

CROSS, ALAN WHITTEMORE CLINICAL SCIENCES BLDG. UNC, DEPT. OF PEDIATRICS CHAPEL HILL 27514	PD /GPM 032 A AC 919 962-1136	CRUTCHLEY, WILLIAM F., JR. 1134 N. ROAD STREET ELIZABETH CITY 27909	GS 070 A P AC 919 338-3909	CUTTINO, JOHN TINDAL 101 HIGHLAND FOREST DRIVE MATTHEWS 28105	PTH 060 A L/RT 704 847-4957
CROSS, ALMON RUFUS 414 HILLCREST DRIVE HIGH POINT 27262	OBG 040 A L/RT 919 884-1236	CRUZ, CORAZON SAMODIO ROUTE #2, BOX 310 LINCOLNTON 28092	R/GP 055 AC 704 435-4586	CUTTINO, JOHN TINDAL, JR. UNC, DEPT. OF RADIOLOGY CHAPEL HILL 27514	R 032 AC 919 966-3084
CROSS, ALRED CHARLES, JR. AT&T TECHNOLOGIES, INC. P. O. BOX 25000 GREENSBORO 27420	OM /GP 041 A AC 919 279-7108	CRUZ, JULIA MARGARITA 300 S. HAWTHORNE RD. WINSTON-SALEM 27103	ON 034 AC 919 748-2075	CYKERT, SAMUEL 711 HERMITAGE ROAD BURLINGTON 27215	IM 001 A AC 919 226-9317
CROSS, ROBERT VANDERVOORT P. O. BOX 5128 HIGH POINT 27262	GYN 040 A AC 919 887-3011	CUBBERLEY, CHARLES LAMB, JR. P. O. BOX 95 WILSON 27894	FP 098 A L 919 243-4638	CYNN, STEVEN JAE 102 HOSPITAL DRIVE CLYDE 28721	FP /D 044 AC 704 452-0611
CROSSLEY, JAMES JOHN 100 E. NORTHWOOD ST. GREENSBORO 27401	OTO /A 041 A AC 919 274-5441	CUENCA, NELIDA ALBA 111 LARAN ROAD JACKSONVILLE 28540	PD /PH 023 A AC IM 034 AC 919 768-4730	CZERMAK, CHARLES LOUIS, JR. P. O. BOX 1781 BOONE 28607	DR 095 AC 704 264-6984
CROUCH, WALTER LEE 1902 BREWTON COURT WILMINGTON 28403	PD 065 A RT 919 762-3619	CULLEN, PETER PATRICK 250 CHARLOIS BOULEVARD WINSTON-SALEM 27103	GS 062 A AC 919 572-3737	D'ERCOLE, AUGUSTINE JOSEPH POE BURNETT-WOMACK BLDG. 229-H UNC, DEPT. OF PEDIATRICS CHAPEL HILL 27514	NPM 032 AC 919 966-4435
CROUNSE, ROBERT GRIFFITH RT. #2, BOX 263-T BLOUNTS CREEK 27814	D 074 A AC 919 551-4629	CULLEY, JAMES PAUL 506 WOOD ST. TROY 27371	GS 040 AC 919 887-3164	DABBS, DAVID JOSEPH BRODY 1F79, ECU SCH. OF MED. GREENVILLE 27834	PTH 074 A AC 919 551-4495
CROUSE, JOHN ROBERT, III BOWMAN GRAY SCH. OF MED. 300 S. HAWTHORNE ROAD WINSTON-SALEM 27103	IM 034 AC 919 748-2674	CULLOM, JOSEPH WILLIAM 624 QUAKER LN., STE. 200-C PO BOX 5229 HIGH POINT 27262	GS 040 AC 919 887-3164	DACUS, ROBERT MABRY, III 1302 LEXINGTON AVENUE THOMASVILLE 27360	OBG 029 A P AC 919 475-6139
CROUTCHER, DONALD LEWIS P. O. BOX 1130 CLINTON 28328	R/NM 082 A AC 919 592-6924	CULP, JOHN HARRY, JR. 401 S. SHARON AMITY ROAD CHARLOTTE 28211	GYN 060 A AC 704 365-0110	DAGENHART, TIMOTHY LEE 322 SPRINGHILL RD. GREENVILLE 27834	A S 919 830-1242
CROW, JOHN BUREN 591 CROW ROAD SHELBY 28150	FP 023 A AC 704 487-7052	CULPEPPER, FRED CARROLL, III 1851 E. THIRD ST., STE. 103 CHARLOTTE 28204	PD 060 AC 704 333-6659	DAHNERS, LAURENCE E. UNC, ORTHOPAEDIC SURGERY 237 BURNETT-WOMACK BLDG. 229H CHAPEL HILL 27514	A AC 919 966-2039
CROW, LAURA LOMAX 202 TALLYHO TRAIL CHAPEL HILL 27514	032 A R 919 966-4131	CULTON, JULIAN CLARK 1600 E. THIRD STREET CHARLOTTE 28204	OPH 060 A P AC 704 372-3300	DALE, FREDERICK PAYNE P. O. BOX 1316 KINSTON 28501	GS 054 A RT 919 522-1626
CROW, SAMUEL LESLIE 418 DOCTOR'S BLDG. ASHEVILLE 28801	IM /CD 011 A L/RT 704 252-5633	CULTON, YANCEY GOELET, JR. 2609 N. DUKE ST. STE. 503 DURHAM 27704	GYN 032 A AC 919 471-6832	DALE, GROVER CLEVELAND 3293 RANDY ROAD LANCASTER, PA 17601	GP 096 A L 717 898-8033
CROWE, JAMES EARL RADIOLOGY DEPT. NORTHERN HOSP. OF SURRY CO. MOUNT AIRY 27030	DR 086 A AC 919 789-9541	CUMMINGS, CHARLES EMMETT 281 MCDOWELL STREET ASHEVILLE 28803	D 011 A AC 704 252-5676	DALEY, JOHN GILBERT 2143 ECHO LANE WILMINGTON 28403	OBG /END 065 AC 919 343-0161
CROWE, JOHN ALBERT, JR HOOTS MEM. HOSPITAL BOX 68 YADKINVILLE 27055	GS 086 A AC 919 689-3111	CUNANAN, ANNE REGINA 102 DUNEDIN CT. CARY 27511	032 A S 919 467-0307	DALEY, MICHAEL BERNARD 423 WOOD STREET TROY 27371	IM 062 AC 919 572-3779
CROWELL, CHARLES CARLOS, III 624 QUAKER LN., STE. 103-C HIGH POINT 27262	CD /IM 040 A P AC 919 885-6168	CUNNINGHAM, EDWARD RAY P. O. BOX 760 BRYSON CITY 28713	GS /GP 087 A AC 704 488-2283	DALDORF, FREDERIC GILBERT 308 WOODHAVEN RD. CHAPEL HILL 27514	PTH 032 AC 919 966-4541
CROWELL, GILES FRANKLIN 201 EXECUTIVE PARK BLVD. WINSTON-SALEM 27103	N 034 A AC 919 768-6347	CUNNINGHAM, JOSEPH W., JR. 100 CAROLINA CIRCLE WINSTON-SALEM 27104	034 A S 919 725-7803	DALTON, BENNIE BOOKER 606 WAYNICK, BOX 8101 WRIGHTSVILLE BEACH 28480	GP 076 A L/RT 919 256-5956
CROWELL, GORDON CAMERON ROUTE #4, BOX 999 LINCOLNTON 28092	IM 055 A AC 704 735-1430	CUNNINGHAM, MARK ALAN 202 DOCTOR'S BLDG. ASHEVILLE 28801	AN 011 A AC 704 254-1969	DALTON, CLAUDETTE ELLIS HARLOE 3205 GLEN TERRACE CHARLOTTE 28211	AN 060 A AC 704 364-6228
CROYLE, TERRENCE ALAN 110 CAPISTRANO COURT WINSTON-SALEM 27103	OPH /EM 034 A R 919 760-2646	CUNNINGHAM, PAUL RAY GOLDWYN ECU, BRODY BLDG., ROOM 4S-10 GREENVILLE 27834	GS 074 A AC 919 551-2620	DALTON, HORACE MILTON KINSTON CLINIC, NORTH KINSTON 28501	OPH 054 A L/RT 919 522-1611
CRUM, AMY ELIZABETH 305 S. HAWTHORNE RD. APT. #6 WINSTON-SALEM 27103	034 A S 919 725-7944	CURNES, JOHN TAYLOR UNC DEPT. OF RADIOLOGY CHAPEL HILL 27514	R 032 AC 919 966-3084	DALTON, JAMES D., JR. 311 S. LASALLE ST. APT. 5-E DURHAM 27705	032 A S 919 286-9753
CRUM, BRYAN GLENN 315 TAYLOR ST., APT. O WINSTON-SALEM 27101	034 A S 919 725-7944	CURRIE, DONALD PATRICK PO BOX 24369 WINSTON-SALEM 27114	U 034 A AC 919 768-0735	DALY, JAMES KEARNEY 2711 WESTBROOKE DR. KINSTON 28501	DR /P 054 AC 919 522-3443
CRUMLEY, CHARLES EDWIN P. O. BOX 1309 LINCOLNTON 28093	IM 055 A AC 704 735-3081	CURRIN, JAMES MITCHELL, JR. 515 LAUCHWOOD DRIVE LAURINBURG 28352	FP 083 A P AC 919 276-1340	DALY, JOHN T. P. O. BOX 15337 DURHAM 27704	PTH /FOP 032 A AC 919 477-6742
CRUMMIE, ROBERT GWINN 6245 CLIFFDALE ROAD FAYETTEVILLE 28304	P 026 A AC 919 868-4816	CURRIN, JOE BADGETT, JR. 500 N. ENNIS STREET FUQUAY-VARINA 27526	IM 092 A P AC 919 552-2275	DALY, LIAM N. 1262 OLIVER ST. FAYETTEVILLE 28304	P 026 A AC 919 484-5151
CRUMPLER, JAMES FULTON 414 PEACHTREE STREET ROCKY MOUNT 27804	PD 064 A L 919 442-1523	CURRY, CLAYTON SMITH 1309 PLAZA CHARLOTTE 28205	GYN 060 L 704 376-5698	DALY, MICHAEL JAMES 706 WILKINS STREET P. O. BOX 87 SMITHFIELD 27577	GS /TRS 051 AC 919 934-5189
CRUMPLER, JAMES FULTON, JR. 105-C FOY DRIVE ROCKY MOUNT 27801	OTO 064 AC 919 443-7878	CURTIS, RICHARD FRANKLIN PO BOX 659 LENOIR 28645	R/NM 014 A AC 704 754-8421	DAMBECK, ALLYN BENARD 312 FOX LAKE DRIVE CLINTON 28328	EM 082 A AC 919 592-8511
CRUTCHER, KENNETH L. 1005 ALABAMA AVE. DURHAM 27705	032 A R 919 286-7574	CUTCHIN, JOSEPH HENRY, JR. P. O. BOX 67 SHERRILLS FORD 28673	GP 018 A AC 704 478-2431	DAMERON, THOMAS BARKER, JR. P. O. BOX 10707 RALEIGH 27605	ORS 092 A AC 919 781-5600
CRUTCHFIELD, ANDREW JACKSON 2240 CLOVERDALE AVE., STE. 93 WINSTON-SALEM 27103	IM /CD 034 A P AC 919 725-5669	CUTCHIN, LAWRENCE MCGILBRA RT. #3, BOX 325 TARBORO 27886	IM /PD 033 A P AC 919 823-2105	DANFORD, JERRY LEE 1830 HILLDALE ROAD DURHAM 27705	GYN 032 A AC 919 383-5531
CRUTCHFIELD, WILLIAM MONROE 1134 N. ROAD STREET ELIZABETH CITY 27909	OTO /PS 070 AC 919 335-2923	CUTHRELL, WILLIAM VANCE 300 S. HAWTHORNE RD. DIV. MATERNAL-FETAL MED/OBGYN WINSTON-SALEM 27103	OBG /NPM 067 A AC FP /IM 032 A AC	DANIEL, CROWELL TURNER, JR. 1641 OWEN DRIVE FAYETTEVILLE 28304	OBG 026 A AC 919 484-6474
		CUTSON, TONI MICHELE #9 GORHAM PLACE DURHAM 27705		DANIEL, JOHN THOMAS, JR. 415 DUNSTAN STREET DURHAM 27707	GS 032 A P AC 919 682-7378

DANIEL, LOUIE SAMUEL 124 PINE CONE DRIVE OXFORD 27565	FP 039 A L/RT 919 693-6735	DAVIS, DANIEL WHITAKER 402 MORVEN ROAD WADESBO RO 28170	FP 004 A AC 704 694-2129	DAVIS, WILLIAM HERSEY, JR. 301 MILLER STREET, SUITE 108 WINSTON-SALEM 27103	ADL /PD 034 A AC 919 723-1686
DANIEL, LOUIS BROADDUS, JR. PINEHURST SURGICAL CLINIC PINEHURST 28374	ORS 063 A AC 919 295-1042	DAVIS, DONALD FALES ROUTE #10, BOX 46 GOLDSBORO 27530	P/N 096 A AC 919 778-3973	DAWKINS, HOWARD GARRETT, JR. 2577 STANTONSBURG ROAD GREENVILLE 27834	PS /GS 074 A AC 919 752-1406
DANIEL, THOMAS BRANTLEY 110 SELMA RD. PO BOX 845 WENDELL 27591	U 092 A L/RT 919 365-5550	DAVIS, DWIGHT GROOME, JR. 5825 MAPLE RIDGE RD. RALEIGH 27609	GS /TS 092 A AC 919 876-3671	DAWSON, ROBERT EDWARD 512 SIMMONS STREET DURHAM 27701	OPH 032 A AC 919 682-7175
DANIEL, THOMAS MANNING 501 SELMA RD. PO BOX 568 SMITHFIELD 27577	PD 051 A P AC 919 934-7123	DAVIS, EDWARD LANGSTON 2125 NEW WALKERTOWN ROAD WINSTON-SALEM 27101	IM /CD 034 A AC 919 723-4281	DAY, JAMES WILLIAM 2240 CLOVERDALE AVE. STE. 118, PROFESSIONAL BLDG. WINSTON-SALEM 27103	IM 034 A AC 919 722-7178
DANIEL, WALTER EUGENE 312 BUNCOMBE STREET RALEIGH 27609	AN 092 A AC 919 832-7988	DAVIS, GEORGE EDWARD 8 MEDICAL PAVILION GREENVILLE 27834	PD 074 A AC 919 758-1750	DAY, PHILIP MARK 198 LAKESIDE DR. GROVER 28073	GP 023 A P AC 704 937-7905
DANIELS, CHARLES A. 200 HAWTHORNE LANE CHARLOTTE 28233	PTH 060 A AC	DAVIS, GEORGE THOMAS 230 FOUST STREET ASHEBORO 27203	OBG 076 A AC 919 625-6128	DE ANGELIS, WASHINGTON JULIO 1001 S. HAMILTON ROAD CHAPEL HILL 27514	FP /DIA 032 A AC 919 968-4551
DANIS, MARION UNC DEPT. OF MEDICINE 5025-A OLD CLINIC BLDG. CHAPEL HILL 27514	IM 032 AC 919 966-2276	DAVIS, JACK BEASON 1946 MARTIN STREET BURLINGTON 27215	P 001 A AC 919 228-0581	DE GUEHERY, LINDSEY ELLIOTT 1700 S. TARBORO ST. WILSON 27893	PUD 098 A AC 919 291-1300
DANOFF, JASCHA WOLSEY ECU, DEPT. OF PSYCHIATRY GREENVILLE 27858	CHP /P 074 A AC 919 551-2660	DAVIS, JAMES EVANS 2609 N. DUKE ST., STE. 402 DURHAM 27704	GS /TS 032 A P * AC 919 471-8439	DE JUAN, EUGENE, JR. BOX 3802, DUKE EYE CENTER DURHAM 27710	OPH 032 A AC 919 684-5631
DARDEN, JAMES LEE, JR. ACADEMY ST., MED. ARTS BLDG. AHOSKIE 27910	FP 008 AC 919 332-3548	DAVIS, JAMES HOWELL 2800 BLUE RIDGE BLVD., STE 306 RALEIGH 27607	CDS /TS 092 A AC 919 782-7900	DE LA GARZA, CARLOS ARTURO 24 SECOND AVE., NE HICKORY 28601	FP 018 A AC 704 328-2231
DARSIE, JAMES LEIGH MULBERRY MEDICAL PARK LENOIR 28645	OTO 014 * AC 704 754-2464	DAVIS, JAMES NORMAN V. A. MEDICAL CTR., NEUROLOGY DURHAM 27705	N 032 * AC 919 286-6956	DE LIGIO, JAMES JOSEPH KITTY HAWK MED. CTR. KITTY HAWK 27949	FP /HYP 070 AC 919 261-3848
DASCOMB, HARRY EMERSON 3000 NEW BERN AVENUE RALEIGH 27610	IM /ID 092 A * AC 919 755-8520	DAVIS, JOHN D., JR. P. O. BOX 8 BLOWING ROCK 28605	FP 095 A * AC 704 295-3116	DE LUCA, PAMELA S. 1815 BRANTLEY ST. WINSTON-SALEM 27103	034 A S 919 723-9695
DASHER, GEORGE ALBERT 1333 ROMANY ROAD CHARLOTTE 28204	U 060 A AC 704 372-5180	DAVIS, JOHN PRESTON 329 BANBURY ROAD WINSTON-SALEM 27104	IM 034 A L/RT 919 768-5390	DE-LA-TORRE, ERNESTO ESTEBAN 3080 TRENWEST DRIVE WINSTON-SALEM 27103	NS 034 A AC 919 765-3750
DAUGHERTY, HARRY KARRICK 1960 RANDOLPH ROAD CHARLOTTE 28207	CDS /TS 060 A AC 704 373-1500	DAVIS, JOHN WOODROW 24 SECOND AVENUE, N. E. HICKORY 28601	FP 018 A AC 704 328-2231	DE-VARONA, JOSE MIGUEL 215 MEMORIAL DRIVE JACKSONVILLE 28540	FP /P 067 AC 919 353-5118
DAUGHERTY, JANICE ELAINE P. O. BOX 339 BETHEL 27812	FP 074 A AC 919 551-4614	DAVIS, JUNIUS WEEKS, JR. 201 ABNER NASH ROAD NEW BERN 28560	PD /PH 025 L/RT 919 633-4121	DEALY, DARILYN HEDDEN 445 BILTMORE CTR., STE. 404 ASHEVILLE 28801	ID 011 AC 704 258-9635
DAUGHRIDGE, CLAY C., JR. P. O. BOX 519 205 PAGE ROAD PINEHURST 28374	IM /CD 063 A AC 919 295-5511	DAVIS, KEITH ALAN 102 RAINBOW DR. CARRBORO 27510	032 A S 919 968-1728	DEAN, CLAYTON CLEWIS 207 LONGVUE DRIVE BOONE 28607	GS /CDS 095 A AC 704 264-7650
DAUGHRIDGE, TRUMAN GIFFIN 706 WOODLAWN DRIVE AHOSKIE 27910	R 008 A AC 919 332-8121	DAVIS, MICHAEL LEE EASTERN CAROLINA INT.MED. P. O. BOX 68 POLLOCKSVILLE 28573	IM 025 A AC 919 224-4591	DEAN, JOHN NEWELL 147 ASHLAND AVENUE ASHEVILLE 28801	IM 011 A AC 704 258-1188
DAVANT, CHARLES, III P. O. BOX 8 BLOWING ROCK 28605	FP 095 A AC 704 295-3116	DAVIS, NELSON PARKE, II 1700 S. TARBORO STREET WILSON 27893	GS /CDS 098 A AC 919 291-1300	DEAN, RICHARD HENRY 300 S. HAWTHORNE RD. DEPT. OF SURGERY WINSTON-SALEM 27103	GS 034 A AC 919 748-4443
DAVANT, CHARLES, JR. P. O. BOX 8 BLOWING ROCK 28605	FP /OPH 095 A AC 704 295-3116	DAVIS, OWEN KIDDER BRIGHAM AND WOMENS HOSP. 75 FRANCIS ST. BOSTON, MA 02115	OBG /END 034 A R 617 732-6987	DEAN, ROBERT JAMES 2321 STALLINGS DR. KINSTON 28501	AN 054 A AC 919 522-3177
DAVENPORT, JOHN EMMETT 3535 RANDOLPH RD. CHARLOTTE 28207	IM 060 A AC 704 847-3380	DAVIS, PHILIP BIBB 1125 GATEHOUSE RD. HIGH POINT 27260	GS 041 A L 305 276-6779	DEANG, CEDRIC RODRIGUEZ 1300 LEXINGTON AVENUE THOMASVILLE 27360	GS 029 A AC 919 475-2376
DAVIDIAN, VARTAN AMBAR, JR. 1112 DRESSER COURT RALEIGH 27609	PS /GS 092 A AC 919 872-2616	DAVIS, PHILIP COLEMAN 93 VICTORIA ROAD ASHEVILLE 28801	OBG 011 A AC 704 253-4821	DEANS, WILLIAM RONALD, JR. 2412 PROFESSIONAL DR. ROCKY MOUNT 27804	N 064 A AC 919 443-0041
AVIDSON, ANDREW 802 MCCARTHY BLVD. NEW BERN 28560	OPH 025 A AC 919 633-4183	DAVIS, ROBERT ALDEN BERTIE MEMORIAL HOSPITAL WINDSOR 27983	GS 008 A AC 919 794-4865	DEAS, DAVID JOHN 238-3 WILMOT DR., BLDG. 239 GASTONIA 28054	P 036 A P AC 704 867-2338
AVIDSON, CHARLES STEPHEN ROUTE #1, BOX 158 KILL DEVIL HILLS 27948	EM /FP 070 AC 919 441-5698	DAVIS, ROBERT LEE 515 CAMDEN ROAD WADESBO RO 28170	DR /NM 004 A P AC 704 694-3597	DEATON, HUGO L. 420 N. CENTER STREET HICKORY 28601	GS /TS 018 A AC 704 327-9178
AVIDSON, LARRY STEVE 1183 MULBERRY LN, APT. 30-G GREENVILLE 27858	074 A S 919 752-7202	DAVIS, ROBERT NICHOLAS 600 WALTER REED DRIVE GREENSBORO 27403	D 041 * AC 919 294-6555	DEATON, PHILIP CARL 200 E. NORTHWOOD ST. STE. 204 GREENSBORO 27401	NS 041 A * AC 919 379-0077
AVIDSON, ROBERT CLABAUGH BOX 2718, DUMC DURHAM 27710	032 A S 919 383-5047	DAVIS, RUFUS JACKSON P. O. BOX 337 CRAMERTON 28032	GP 036 A AC 704 825-8266	DEATON, PLEASANT PAUL PO BOX 700 VALDESE 28690	GS 012 A AC 704 874-0555
AVIS, ANDREW CALVIN 335 E. PARKER RD. MORGANTON 28655	OPH 012 AC 704 433-6220	DAVIS, THOMAS R. 7026 VALLEY HAVEN DR. CHARLOTTE 28211	OBG 060 A R 704 365-5144	DEBECK, THOMAS WADE 1018 N. ELM ST. GREENSBORO 27401	41 A AC 919 272-8488
AVIS, ARTHUR EMERSON, JR. 1209 COWPER DRIVE RALEIGH 27608	PTH /A 092 AC 919 833-9839	DAVIS, TIMOTHY EUGENE 1317 N. ELM ST., STE. #5 GREENSBORO 27401	GS /CRS 041 A AC 919 273-8691	DEBNAM, GEORGE CLYDE 524 S. BLOUNT STREET RALEIGH 27601	GP /OBS 092 A AC 919 832-1667
AVIS, COURTLAND HARWELL, JR. BOWMAN GRAY SCH. OF MED. WINSTON-SALEM 27103	NS 034 A AC 919 748-4083	DAVIS, WALTER ETCHHELLS 1830 HILLANDALE ROAD DURHAM 27705	ON /HEM 032 A AC 919 383-5531	DEBODORSKI, JOZEFA PO BOX 6028 GREENVILLE 27834	PM 074 A AC 919 551-4440
		DAVIS, WAYNE EDWARD PO BOX 24369 WINSTON-SALEM 27114	U 034 A AC 919 768-0735	DECLERCK, PAUL ALBERT 2503 N. QUEEN STREET KINSTON 28501	FP 054 A AC 919 522-3717

DEEKENS, STEWART ANDREWS, JR.	FP 012	DERRICK, WILLIAM ADAM, JR.	ADL /GP 095	DICKSON, F. KEELS	OTO /A 060
350 E. PARKER ROAD	A AC	ASU HEALTH SERVICES	AC	485 N. WENDOVER RD.	A P AC
MORGANTON 28655	704 437-9401	BOONE 28608	704 262-3100	CHARLOTTE 28211	704 366-7921
DEEPE, ROBERT	GS 042	DESKINS, WILLIAM CYPHERS	FP 090	DICKSON, ROBERT TRULOCK	GE 054
PO BOX 458	AC	1420 E. FRANKLIN ST.	A AC	806 WESTMINISTER LANE	AC
ROANOKE RAPIDS 27870	919 535-1585	MONROE 28110	704 289-8427	KINSTON 28501	919 522-3072
DEERING, TIMOTHY BRADFORD	GE /IM 011	DESROCHERS, DAVID ALAN	R 007	DICKSTEIN, SHERRY ANNE	OBG 041
30 CHOCTAW STREET	A P AC	608 E. 12TH STREET	A * AC	1305 W. WENDOVER AVE.	A AC
ASHEVILLE 28801	704 254-0881	WASHINGTON 27889	919 946-2137	GREENSBORO 27408	919 275-5391
DEES, JOHN ESSARY	U 032	DESTEFANO, NEIL MICHAEL	GS /GYN 079	DIECKMANN, MERWIN R.	FP 074
DUKE HOSPITAL	A L/RT	PO BOX 780	* AC	P. O. BOX 1846	A AC
DURHAM 27710	919 684-6928	REIDSVILLE 27320	919 349-8484	GREENVILLE 27834	919 756-4611
DEES, JOHN TYLER	FP /PH 065	DETERING, JAMES LEROY	NEP /IM 041	DIETRICK, RONALD BURTON	GS /TS 031
COURTHOUSE AVE., PO BOX 815	A P * AC	208 W. WENDOVER AVENUE	A AC	KENANSVILLE SURGICAL CLINIC	AC
BURGAW 28425	919 259-2161	GREENSBORO 27401	919 379-9708	BOX 845	
DEES, SUSAN COONS	PDA /PD 032	DETWEILER, DONALD GENE	DR 092	KENANSVILLE 28349	919 296-0545
BOX 2913, DUMC	A L	2017 LANDINGS WAY	A AC	DIGBY, DONALD JOE	OPH 041
DURHAM 27710	919 684-2933	RALEIGH 27615	919 783-3023	3312 BATTLEGROUND AVE.	A AC
DEFRAZZO, ANTHONY JOHN	PS 034	DEVILLA, AMADA RUIZ	OPH 042	GREENSBORO 27410	919 282-5000
300 S. HAWTHORNE RD.	A AC	115 LONG CIRCLE	A P AC	DIGBY, RONALD WYMAN	CD /IM 036
WINSTON-SALEM 27103	919 748-4500	ROANOKE RAPIDS 27870	919 537-8193	1896 REMOUNT ROAD	A AC
DEGRAY, MARTIN CRAWFORD	FP 025	DEVINE, GERARD MICHAEL	IM 078	GASTONIA 28054	704 867-0735
810 KENNEDY AVE.	A AC	395 WEST 27TH STREET	A AC	DILL, DAVID LEE	DR 014
NEW BERN 28560	919 633-1685	LUMBERTON 28358	919 739-7551	203 CEDAR ROCK EST. DR.	A AC
DEHOFF, PHILIP WILLIAM	OBG 060	DEVINE, LEIBERT EARL	FP 021	LENOIR 28645	704 754-2283
3535 RANDOLPH RD., STE. 105	A AC	P. O. BOX 298	AC	DILL, FRANKLIN GEORGE	OBG 067
CHARLOTTE 28211	704 365-0470	EDENTON 27932	919 482-7774	124 MEMORIAL DRIVE	A P AC
DEL TORO, MIGUEL HIGINIO	DR 029	DEVIRGILIIS, JUAN CARLOS	FP 074	JACKSONVILLE 28540	919 353-7741
102 LINDEN LANE	AC	PO BOX 709	A AC	DILLARD, MARGARET BLEICK	IM 074
LEXINGTON 27292	704 249-1515	FARMVILLE 27828	919 753-7181	104 LISA LANE	A R
DELEON, ROSEMARY ESPINO	AN 092	DEWALD, JONATHON GLEN	IM 098	GREENVILLE 27858	919 551-4100
2903 ADRIAN COURT	AC	1700 S. TARBORO ST.	A AC	DILLARD, SAM BOOKER	D 060
RALEIGH 27604	919 829-9550	WILSON 27893	919 291-1300	1900 RANDOLPH ROAD, STE. 312	A * AC
DELLASEGA, MARK	IM /GE 074	DEWALT, JOSEPH LEO	IM /ORS 032	CHARLOTTE 28207	704 333-8811
1705 W. SIXTH ST.	A * AC	IRIS LANE	AC	DILLARD, THOMAS ARTHUR	IM /PUD 074
GREENVILLE 27834	919 752-6101	CHAPEL HILL 27514	919 966-2281	ECU SCHOOL OF MED.	A AC
DELLINGER, CLYDE JAMES	FP 012	DEWAN, DAVID MICHAEL	AN 034	DEPT. OF MEDICINE	
P. O. BOX 8	A AC	3333 SILAS CREEK PKWY.	A AC	GREENVILLE 27834	919 551-4653
DREXEL 28619	704 437-3634	FORSYTH MEM. HOSPITAL		DILLINGHAM, WILLIAM STEPHEN	P 060
DELTA, BASIL GEORGE	GPM /PD 060	WINSTON-SALEM 27103	919 760-5259	479 N. WENDOVER RD.	A P AC
249 BILLINGSLEY ROAD		DEWAR, WILLIAM BANKS	IM 092	CHARLOTTE 28211	704 365-3185
CHARLOTTE 28211	704 375-1885	C/O J. HOPKINS	A L	DILLON, DANIEL CHRISTIAN	IM /GE 018
DEMARIA, WILLIAM JOHN	PD 092	DECEASED-5-3-87	703 483-9468	11 13TH AVENUE, N. E.	A P AC
PO BOX 2291	A * AC	ROCKY MOUNT, VA 24151	FP 074	HICKORY 28601	704 322-1068
DURHAM 27702	919 493-8256	DEWITT, DONALD EVERETT	A AC	DILWORTH, JOHN HERBERT	ORS /HS 041
DEMAS, RONALD CHARLES	N/PM 060	321 PINWOOD DR.	919 757-4614	1505 WESTOVER TERR.	A AC
2115 EAST 7TH ST., STE. 101	A AC	GREENVILLE 27834	OBG 067	GREENSBORO 27408	919 275-0927
CHARLOTTE 28204	704 372-3714	DEYTON, JOHN WESLEY, JR.	A P AC	DIMEO, MICHAEL JOSEPH	PUD /IM 001
DEMASON, MARC	GS 079	124 MEMORIAL DRIVE	919 353-7741	1604 MEMORIAL DR.	A P AC
515 THOMPSON ST., STE. B	A AC	JACKSONVILLE 28540	OBG 074	BURLINGTON 27215	919 226-7300
EDEN 27288	919 623-9118	DEYTON, ROBERT GUY, JR.	A AC	DIMITRIUS, ROBIN	AN 024
DENHAM, JOHN WILLIAM	IM /FP 034	101 BETHESDA DRIVE	919 758-4181	P. O. BOX 364	A AC
3415 THORESBY CT.	AC	GREENVILLE 27834	CD /IM 076	WHITEVILLE 28472	919 642-8011
WINSTON-SALEM 27104	919 773-3783	DHATT, MALKIAT SINGH	A AC	DIMMIG, THOMAS A.	ORS 032
DENNIS, KENNETH MICHAEL	PD /ADL 044	P. O. BOX 2028	919 629-4176	2609 N. DUKE ST.	A * AC
1 SMATHERS STREET	* AC	ASHEBORO 27203	ORS 051	DURHAM 27704	919 471-8431
CLYDE 28721	704 627-9226	DHILLON, TEJPAL SINGH	AC	DINAPOLI, RAPHAEL JOSEPH, JR.	PH /AM 032
DENNIS, PATRICK MICHAEL	OPH 054	P. O. BOX 1688	919 934-3091	1985 UMSTEAD DR.	A P * AC
DOWN EAST EYE CENTER, PA	AC	SMITHFIELD 27577	IM 092	DIV. OF MEDICAL ASSISTANCE	
2104 N. HERRITAGE ST.		DIAB, ALBERT JOSEPH	919 787-5217	RALEIGH 27603	919 733-2393
KINSTON 28501	919 523-9599	3801 COMPUTER DRIVE	P/CHP 074	DINEEN, JAMES ROBERT	ORS 065
DENNIS, RONALD GREENE	OTO 060	RALEIGH 27609	A AC	1616 MEDICAL CENTER DRIVE	A AC
3535 RANDOLPH ROAD	A * AC	DIAMOND, JOHN MICHAEL	919 551-2673	WILMINGTON 28401	919 762-2655
CHARLOTTE 28211	704 365-0711	ECU, DEPT. OF PSYCHIATRY	NEP /IM 060	DINGFELDER, JAMES RAY	OBG 032
DENNISON, HERBERT EUGENE	OBG 045	GREENVILLE 27858	A AC	700 EASTOWNE DR., STE. 200	A * AC
630 FIFTH AVENUE, WEST	AC	DIAZ-BUXO, JOSE ANTONIO	704 374-1321	CHAPEL HILL 27514	919 942-4100
HENDERSONVILLE 28739	704 692-2258	928 BAXTER STREET	GS /TS 044	DINOME, ANTHONY JOSEPH, JR.	032
DENNY, FLOYD WOLFE, JR.	PD /ID 032	CHARLOTTE 28204	A * AC	27 12TH AVE.	A
BOX 3, WING D, 208-H	AC	DICKERSON, ANDREW JACKSON	704 452-5101	SEA CLIFF, NY 11579	
UNC SCHOOL OF MEDICINE		1600 N. MAIN STREET	ORS 060	DIOQUINO, RENATO MERCADO	IM /PUD 055
CHAPEL HILL 27514	919 962-1136	WAYNESVILLE 28786	A AC	240 S. MAIN STREET	AC
DENNY, KEVIN M.	P 060	DICKERSON, LEON ARCHIBALD, JR.	704 372-9820	MARION 28752	704 652-2214
1900 RANDOLPH RD.	AC	2600 E. 7TH ST.	END /IM 049	DIROCCO, JUDITH GERALYN	034
CHARLOTTE 28207	704 333-7722	CHARLOTTE 28204	A AC	1725-B FRANCISCAN TERR.	A
DENUNA, VICENTE BOGADOR	GS /ABS 059	DICKEY, RICHARD ALLEN	704 878-2011	WINSTON-SALEM 27107	919 788-4844
28 N. LOGAN STREET	AC	316 GLENEAGLES EAST	GS 065	DIRR, LOUISE YOUNGER	N 034
MARION 28752	704 652-5797	STATESVILLE 28677	A L/RT	532 POLO ROAD	A
DENUNZIO, NEIL L.	IM 070	DICKIE, JAMES WILLIAM	919 762-8429	WINSTON-SALEM 27106	
PO BOX 9	AC	448 WAYNE DRIVE	GS /CDS 018	DIXON, DIRK STANCILL, SR.	R 024
WINFALL 27985	919 426-9172	WILMINGTON 28403	A AC	P. O. BOX 1532	AC
DEPERCZEL, JOHN LESLIE	ORS /GP 018	DICKINSON, MICHAEL WRIGHT	704 327-9178	LEXINGTON 27292	919 249-1511
521 11TH AVE. CIRCLE NW	A P AC	420 N. CENTER STREET	IM 036	DIXON, JOHN ELLIOTT	FP 074
HICKORY 28601	704 324-2800	HICKORY 28601	A L/RT	P. O. BOX 427	A
DERBYSHIRE, JOHN STUART	IM 064	DICKSON, BRICE TEMPELTON, JR.	704 867-7656	AYDEN 28513	919 746-3110
1400 BROOKWOOD DR.	AC	837 ATHENIAN DR.			
PO BOX 7828		GASTONIA 28052			
ROCKY MOUNT 27804	919 977-6746				

DIXON, ROBERT ROSS	PD 018	DOTTERER, JOHN EMANUEL	GER /FP 053	DRUMMOND, JACK NEWTON	FP 096
FIRST PLAZA -- BOX 700	AC	118 HAWKINS AVENUE	A L	GRANTHAM MEDICAL CLINIC	AC
1985 TATE BOULEVARD, S.E.		SANFORD 27330	919 776-5723	RT. 1, BOX 100-C	
HICKORY 28601	704 322-2550	DOUGLAS, ARTHUR EUGENE, JR.	P 078	GOLDSBORO 27530	919 689-2222
DIXON, SEWELL HINTON, JR.	CDS /TS 041	209 W. 27TH STREET	AC	DUBOSE, JOHN MCNEELY	TS /GS 054
1317 N. ELM ST., STE. 1	A AC	LUMBERTON 28358	919 738-8230	P. O. BOX 1316	A AC
GREENSBORO 27401	919 373-8245	DOUGLAS, BENJAMIN	OTO /HNS 050	KINSTON 28501	919 522-1626
DIXSON, GEORGE RANDALL	DR 044	103 ASHEVILLE HIGHWAY	A AC	DUBOW, DAVID ALAN	EM /IM 034
90 HOSPITAL DR.	AC	SYLVA 28779	704 586-7474	1957 STONEWOOD DR.	A S
CLYDE 28721	704 452-2260	DOUGLAS, EDGAR SMITH, JR.	OBG 074	WINSTON-SALEM 27103	919 768-2751
DOANE, JOHN HORTON, JR.	IM /CD 034	101 BETHESDA DRIVE	A AC	DUCK, WALTER OTIS	FP 057
250 CHARLOIS BOULEVARD	A AC	GREENVILLE 27834	919 758-4181	DRAWER 729	P * L/RT
WINSTON-SALEM 27103	919 768-4730	DOUGLAS, JOHN MUNROE	IM 060	MARS HILL 28754	704 689-2411
DOBSON, LOLO ALLEN, JR.	FP 013	4107 POMFRET LN.	A L/RT	DUCKETT, CHARLES HOWARD	FP 074
115 COOK ST.	A AC	CHARLOTTE 28211	704 333-0125	ECU SCHOOL OF MEDICINE	A * AC
PO BOX 1058		DOUGLAS, MICHAEL ERIN	AN 095	GREENVILLE 27834	919 551-4614
MT. PLEASANT 28124	704 436-6521	301 BIRCH STREET	A P * AC	DUDLEY, ALLISON JOHNSON	PD 060
DOBYNS, RICHARD JOSEPH	034	BOONE 28607	704 264-4691	2317 RANDOLPH ROAD	AC
2517 OLD SALISBURY RD.	A S	DOUGLAS, W. LADELL	PD /ADL 032	CHARLOTTE 28207	704 376-5572
WINSTON-SALEM 27107	919 785-2274	2609 CARVER STREET	* AC	DUDLEY, CHARLES COUNCIL, JR.	PTH /FP 086
DODD, PATRICIA	GS /GYN 011	DURHAM 27704	919 471-4484	320 IVY CIRCLE	A
325 VANDERBILT RD.	L/RT	DOUGLASS, DONALD PERRY	GS /TS 040	ELKIN 28621	919 835-2931
ASHEVILLE 28803	704 254-3587	401 WESTWOOD AVENUE	A P AC	DUDLEY, JOSEPH BOYLES	PTH 034
DOFFERMIRE, LUTHER RANDOLPH	FP 043	HIGH POINT 27262	919 887-3164	3333 SILAS CREEK PARKWAY	A AC
P. O. BOX 1011	A L	DOVER, CARL THOMAS, JR.	PD 007	WINSTON-SALEM 27103	919 760-5840
DUNN 28334	919 892-4151	307 S. MCCASKEY RD.	A AC	DUDLEY, R. ADAMS	032
DOLAN, DANIEL LYNN	IM /CD 011	WILLIAMSTON 27892	919 792-8101	1315 MORRENE RD. APT. 20-B	A S
9 BAIRD MOUNTAIN ROAD WEST	A AC	DOWDESWELL, ROBERT HORTON	PTH 045	DURHAM 27705	919 383-6387
ASHEVILLE 28804	704 658-2677	735 SIXTH AVE. WEST	A AC	DUFFY, CHARLES	FP 025
DOMBY, WILLIAM ROGER	PUD /IM 011	HENDERSONVILLE 28739	704 697-6781	607 POLLOCK STREET	A L
30 CHOCTAW STREET	A AC	DOWNEY, LUCY MCMASTER BIDDLE	PD 034	NEW BERN 28560	919 637-2077
ASHEVILLE 28801	704 255-7733	2220 QUEENSWOOD DRIVE	A R	DUKES, ROBERT RAYMOND	074
DONAHUE, DONALD C.	R 011	WINSTON-SALEM 27106	919 760-2151	1301-A DICKINSON AVE.	A S
STE. 103, THE DOCTORS BLDG.	AC	DOWNS, POSEY EDGAR, JR.	OBG 060	GREENVILLE 27834	919 756-9928
ASHEVILLE 28801	704 255-4131	1928 RANDOLPH ROAD	AC	DULA, FREDERICK MAST, JR.	R 080
DONAHUE, MICHAEL JOSEPH	D 065	CHARLOTTE 28207	704 376-1612	102 MOCKSVILLE AVE.	A AC
1505 MEDICAL CENTER DRIVE	A P AC	DOWNS, THOMAS WM.	032	SALISBURY 28144	704 633-1023
WILMINGTON 28401	919 763-1555	3-C ESTEA PARK	A S	DULIN, THOMAS LEROY	FP 060
DONALD, WILLIAM BLANTON, JR.	OPH 040	CARRBORO 27510	919 942-2780	200 GREENWICH RD.	A AC
624 QUAKER LANE, SUITE 202-C	A * AC	DOYLE, OWEN WILLIAM	DR 041	CHARLOTTE 28211	704 366-5002
HIGH POINT 27262	919 884-2242	1013 PROFESSIONAL VILLAGE	A P AC	DUMAS, MARK NEAL	IM 054
DONAYRE, LUIS ERNESTO	GS /TS 024	GREENSBORO 27401	919 275-6481	313 AIRPORT RD.	AC
144 JEFFERSON STREET	A AC	DOYLE, RAYMOND THOMAS	IM /HEM 064	KINSTON 28501	919 522-3072
WHITEVILLE 28472	919 642-3136	1400 BROOKWOOD DR.	AC	DUMMIT, ELDON STEVEN, JR.	PTH 053
DONGRE, SHRIKUMAR SHRIPAD	AN 034	PO BOX 7828		P. O. BOX 1378	A AC
1216 BROOK ACRES TRAIL	A AC	ROCKY MOUNT 27804	919 977-6746	SANFORD 27330	919 774-2272
CLEMMONS 27012	919 768-5441	DRAFFIN, RICHARD MARION	PTH 032	DUNAWAY, HOWARD YATES, III	ORS 060
DONNELLY, GRANT LESTER	PUD 080	3643 N. ROXBORO STREET	A AC	1012 S. KINGS DR., STE. 101	A AC
240 WINDSOR DRIVE	A RT	DURHAM 27704	919 470-5251	CHARLOTTE 28283	704 372-0743
SALISBURY 28144	704 637-0905	DRAKE, ALMOND JERKINS, III	IM 000	DUNCAN, DALE LEMOIN	R/ON 041
DONOHUE, JAMES FRANCIS	PUD /IM 032	4963 CAMINO DAVID	A R	604 WALTER REED DR.	A AC
UNC, 724 BURNETT-WOMACK	AC	BONITA, CA 92002	619 233-2934	GREENSBORO 27403	919 294-2670
CHAPEL HILL 27514	919 966-2531	DRAKE, DAVID EWING	FP 026	DUNCAN, MARGARETA JOHNSON	FP 043
DOOLITTLE, ROBERT PRINCE	ADL /IM 041	P. O. BOX 3654	AC	306 W. EDGERTON STREET	A AC
UNC-G STUDENT HEALTH CENTER	AC	FAYETTEVILLE 28305	919 485-3078	DUNN 28334	919 892-2567
GREENSBORO 27412	919 334-5340	DRAKE, SAMUEL THOMAS	GE /IM 036	DUNCAN, STACY ALLEN, JR.	FP 043
DORNBUSCH, ALFRED ADOLPH	OTO 060	603 COX ROAD	* AC	306 W. EDGERTON STREET	A AC
2734 HAMPTON AVENUE	A L/RT	GASTONIA 28054	704 867-3585	DUNN 28334	919 892-2151
CHARLOTTE 28207	704 334-0498	DRAKE, WILTON RODWELL, JR.	FP 091	DUNCAN, THANE EDWARD	034
DORFMAN, MARGARET JEANNE	P 092	VANCE MEDICAL ARTS CENTER	A AC	821 S. HAWTHORNE ROAD	A S
DOROTHEA DIX HOSP.-PSY.	AC	HENDERSON 27536	919 492-3152	WINSTON-SALEM 27103	919 748-4407
RALEIGH 27611	919 733-9917	DRAY, GREGORY JOSEPH	HS /ORS 011	DUNKELBERG, RAY HAMILTON	IM /NEP 088
DORMAN, BRUCE HUGH	ORS 065	111 VICTORIA AT OAKLAND RD.	A AC	NEWLAND MED. BLDG.	A AC
2001 S. 17TH STREET	A AC	ASHEVILLE 28801	704 252-7331	BREVARD 28712	704 884-9030
WILMINGTON 28401	919 763-7344	DREILING, DALE T.	FP 041	DUNLAP, BENJAMIN EMERSON	FP 049
DORNBLAZER, GEORGE HENRY	P 060	522 N. ELAM AVENUE	AC	925-C THOMAS STREET	* AC
6511 CROSSFIELD LN.	AC	GREENSBORO 27403	919 852-3800	STATESVILLE 28677	704 872-7636
CHARLOTTE 28226	704 377-4243	DRESSER, LEE POTTER	034	DUNLAP, JACK ERWYN	ORS 078
DORSETT, FLETCHER I.	IM 034	1631-C NORTHWEST BLVD.	A S	4320 FAYETTEVILLE ROAD	AC
2020 HOLLYROOD STREET	A L/RT	WINSTON-SALEM 27104	919 722-3712	LUMBERTON 28358	919 739-0634
WINSTON-SALEM 27107	919 723-5732	DREW, JOHN EDWIN	FP 033	DUNLAP, WILLIAM MARSHALL	ON /IM 092
DORSETT, JOHN DEWEY, JR.	IM /CD 060	P. O. BOX 337	A AC	3521 HAWORTH DR.	A AC
1851 E. THIRD STREET	A * AC	MACCLESFIELD 27852	919 827-5231	RALEIGH 27609	919 782-1806
CHARLOTTE 28204	704 333-4175	DRIVER, ALBERT GARDNER, JR.	PUD /IM 074	DUNN, ERNEST CLINTON, JR.	GP 025
DORSEY, DEANNA LYNN	034	ECU, DEPT. OF MEDICINE	A AC	ROUTE #1, #41, TOPSAIL DRIVE	A AC
312 GROVE PARK AVE. #2	A S	GREENVILLE 27834	919 551-4653	ORIENTAL 28571	919 249-1061
WINSTON-SALEM 27103	919 723-3042	DROEGEMUELLER, WILLIAM	GYN 032	DUNN, JACK NEWTON	U 045
DORTON, PHILLIP KEVIN	OBG 029	908 WOODBINE DR.	AC	512 SIXTH AVENUE, WEST	A AC
1302 LEXINGTON AVE.	A AC	CHAPEL HILL 27514	919 966-5281	HENDERSONVILLE 28739	704 692-6262
THOMASVILLE 27360	919 475-6139	DROSSMAN, DOUGLAS ARNOLD	GE /PYM 032	DUNN, RICHARD BERRY	GYN 041
OSS, GEORGE WESTON	P 011	UNC, 324 CLINICAL SCIENCE BLDG	AC	P. O. BOX 190	A L
HIGHLAND HOSPITAL	A AC	CHAPEL HILL 27514	919 966-2511	CLIMAX 27233	919 674-9745
P. O. BOX 1101		DRUCKER, JOAN LIVERSIDGE	ID 032	DUNPHY, DONAL LEO	PD 032
ASHEVILLE 28802	704 254-3201	3909 HOPE VALLEY RD.	AC	UNC, DEPT. OF PEDIATRICS	A AC
OTTERER, ELIZABETH JAMES	IM /GYN 053	DURHAM 27707	919 684-2660	CHAPEL HILL 27514	919 966-2504
118 HAWKINS AVENUE	A L				
SANFORD 27330	919 776-5723				

DUNSON, MARY E. BOX 344, BOWMAN GRAY MED. SCH. A 300 S. HAWTHORNE RD. WINSTON-SALEM 27103	034 S 919 723-0527	EASON, PAUL RICHARD 1201-A HOLLOWAY LANE CHAPEL HILL 27514	032 S 919 933-5006	EDWARDS, JAMES RONALD ROUTE #7, BOX 210-E RALEIGH 27614	PTH 092 A AC 919 755-8260
DUPUY, DAVID NORRIS 3535 RANDOLPH ROAD CHARLOTTE 28211	ORS 060 A AC 704 365-2111	EASTERLING, WILLIAM E., JR. UNC SCHOOL OF MEDICINE CHAPEL HILL 27514	GYN/END 032 A * AC 919 966-5214	EDWARDS, JOEL LYNN P. O. BOX 666 MOCKSVILLE 27028	FP 034 P AC 704 634-6128
DUPUY, SAMUEL STUART 301 HAWTHORNE LANE CHARLOTTE 28204	U 060 A AC 704 374-0236	EASTON, EDWARD JAMES, JR. PO BOX 32861 CHARLOTTE 28232	NM/DR 060 A AC 704 373-2430	EDWARDS, TIMOTHY FREEMAN 245 MEMORIAL DR. JACKSONVILLE 28540	OBG 067 A P AC 919 353-4333
DURFEE, MICHAEL FULK WAKE TEEN MEDICAL SERVICES 619 OBERLIN RD. RALEIGH 27605	ADL/PD 092 AC 919 828-0035	EASTWOOD, FREDERICK THOMAS P. O. BOX 30203 RALEIGH 27622	PD 092 A L/RT 919 787-1961	EDWARDS, WILSON BARTON, JR. 111 N. MEADE STREET GREENVILLE 27834	074 A S 919 758-1547
DURHAM, CECIL TRACY, JR. 7 MCDOWELL STREET ASHEVILLE 28801	N 011 A AC 704 255-7776	EATON, ALEXANDER MELLON BOX 2723, DUMC DURHAM 27710	032 A S 212 289-5639	EGERTON, COURTNEY DAVID P. O. BOX 18568 RALEIGH 27619	GYN 092 A P AC 919 782-1273
DUROCHER, KEVIN HOWARD 2311 CANTERWOOD DR. WILMINGTON 28401	P 065 A AC 919 762-9606	EATON, HUBERT ARTHUR, JR. P. O. BOX 982 WILMINGTON 28401	IM 065 AC 919 763-5453	EGLINTON, DANIEL THOMAS 53 S. FRENCH BROAD ASHEVILLE 28801	ORS 011 A AC 704 274-2236
DURR, WALTER JACOB P. O. BOX 455 SYLVA 28779	GS 050 A L 704 586-6060	EATON, JEFFREY GRAY 103 CAROLINA CIRCLE WINSTON-SALEM 27104	034 A S 919 721-9163	EGUEZ, JORGE PO BOX 310 WALLACE 28466	031 AC 919 285-2191
DUSZLAK, EDWARD J., JR. 3029 S. FAIRWAY DR. BURLINGTON 27215	DR 001 AC 919 228-1371	EATON, ROBERT FARRELL 1027 FLEMING STREET HENDERSONVILLE 28739	ORS 045 A AC 704 692-5781	EHLE, ALBERT LAWRENCE UNC, 751 BURNETT-WOMACK CHAPEL HILL 27514	N 032 A * AC 919 966-3707
DUTTON, JONATHAN JOSEPH BOX 3802, DUKE EYE CENTER DURHAM 27710	OPH/ON 032 A AC 919 684-3142	EAVES, RUPERT SPENCER, JR. 631 CUX RD. GASTONIA 28054	OPH 036 A AC 704 864-7789	EHRLICHMAN, GLORIA SOTOMAYOR 603 BEAMAN STREET CLINTON 28328	PD 082 AC 919 592-7712
DUVALL, PAUL BRANDON NEWLAND MED. BLDG. GALLIMORE ROAD BREVARD 28712	FP 088 A AC 704 884-9030	EBELING, JAMES GERARD 3742 SWARTHMORE RD. DURHAM 27707	IM 032 A R 919 471-2044	EICHENBRENNER, TIMOTHY JOHN 225 HAWTHORNE LN., STE. 202 CHARLOTTE 28204	PD 060 AC 704 332-8111
DYE, DAVID GODDARD 530 N. ELAM AVE. GREENSBORO 27403	ORS 041 A P AC 919 292-8824	EBERT, JAMES B., JR. #4 CARRIAGE HOUSE GREENVILLE 27834	IM 034 AC 919 725-3591	EIFRIG, DAVID ERIC UNC, DEPT. OF OPHTHALMOLOGY CHAPEL HILL 27514	OPH 032 A * AC 919 966-5296
DYER, DAVID PATTERSON 2436 ASHEVILLE ROAD WAYNESVILLE 28786	PD/A 044 AC 704 456-9041	EBKEN, RICHARD KEPPLER P. O. BOX 1169 SANFORD 27330	GS/TS 053 A * AC 919 775-7146	EISELE, JOHN EVANS PO BOX 6028 GREENVILLE 27834	PD/PM 074 A AC 919 551-4440
DYKE, CORNELIUS MCKOWN BOX 2722, DUMC DURHAM 27710	032 A * S 919 493-7104	ECKBERT, WILLIAM FOX P. O. BOX 309 CRAMERTON 28032	FP 036 A L 704 824-1321	EISENACH, JAMES CONRAD FORSYTH MEMORIAL HOSP. OBSTETRIC ANESTHESIA WINSTON-SALEM 27103	AN 034 A AC 919 760-5295
DYKERS, JOHN REGINALD, JR. P. O. BOX 565 422 N. IVY AVENUE SILER CITY 27344	FP 019 AC 919 663-2931	ECKLEY, GEORGE MORGAN, JR. 110-P STOCKTON STREET STATESVILLE 28677	IM 049 A P AC 704 873-4334	EISENBERG, CARL JESSE 2001 VAIL AVE. CHARLOTTE 28207	R 060 A P AC 704 379-5860
EADIE, EDWARD B., JR. 1134 N. ROAD STREET ELIZABETH CITY 27909	U 070 A P AC 919 338-4141	EDDINGS, GEORGE EDGAR, JR. 214 E. NORTH STREET ALBEMARLE 28001	IM/CD 084 AC 704 982-1136	EL-BAYADI, NAGUI R. SKYLAND MED. BLDG. SKYLAND DRIVE SYLVA 28779	OTO 090 A P * AC 704 289-9415
EAGLES, ARCHIE YELVERTON MEDICAL ARTS CENTER AHOSKIE 27910	IM 008 L 919 332-4155	EDELBERG, JAY MARSHALL BOX 2730, DUMC DURHAM 27710	032 A S 919 286-7394	EL-DROUBI, HAZEM 1219 ROCKINGHAM ROAD ROCKINGHAM 28379	U 077 A P AC 919 997-5054
EAKINS, JOEY WILLIAM ROUTE #3, BOX 303-K WILMINGTON 28403	ID 065 A AC 919 763-3651	EDKINS, PATRICIA TEAGUE RT. #4, BOX 357 CHAPEL HILL 27514	TR 032 A AC 919 966-1101	ELBER, ERWIN RICHARD 1501 E. FRANKLIN STREET MONROE 28110	GS 034 A P AC 919 765-1610
EARL, JOHN KEITH 210 13TH AVE. PLACE, N.W. HICKORY 28601	FP 019 AC 704 328-2941	EDMONDS, JOHN HENRY, JR. BOWMAN GRAY SCH. OF MED. WINSTON-SALEM 27103	CD/IM 034 A * AC 919 748-4208	ELIZONDO, MERCEDITAS O. 20 N. MAIN STREET CLIFFSIDE 28024	GP/PTH 081 A AC 704 657-9742
EARLY, IRA GORDON 2240 CLOVERDALE AVE. STE. 192 WINSTON-SALEM 27103	IM/CD 034 A AC 919 722-6010	EDMONDSON, FRANK, JR. P. O. BOX 2628 ASHEBORO 27203	FP 076 A L/RT 919 625-3230	ELKORDY, MAHA ABDUL-HAFEZ 12E SHARON HEIGHTS CHAPEL HILL 27514	032 A S 919 942-7699
EARNEST, ROBERT RHEA 107 WOODLAND DRIVE WAYNESVILLE 28786	PD/ADL 044 AC 704 452-2211	EDMUNDSON, WARNER L. WELLS 3900 BROWNING PL. RALEIGH 27609	IM 092 A AC 919 781-9650	ELLEDGE, EMMETT SCOTT 114 DEVONSHIRE DR. SAN ANTONIO, TX 78209	OTO 034 A F 919 942-7699
EARNHARDT, JAMES FREDERICK 3318 HEALY DRIVE WINSTON-SALEM 27103	PD 034 A AC 919 765-8490	EDWARDS, CHARLES DANIEL 202 CARSWELL LANE GOLDSBORO 27530	GS 096 A AC 919 778-1205	ELLENBOGEN, CHARLES 1601-B OWEN DRIVE FAYETTEVILLE 28304	IM/ID 026 A AC 919 323-1152
EARNHARDT, RICHARD CRAIG 2836 CHAPEL HILL RD. APT. 30-B DURHAM 27707	032 A S 919 493-7968	EDWARDS, CHARLES HILLMAN, II 301 HAWTHORNE LANE CHARLOTTE 28204	CDS/TS 060 AC 704 375-8413	ELLINGTON, AMZI JEFFERSON, JR. 291 N. GRAHAM-HOPEDALE RD. BURLINGTON 27215	GYN 001 AC 919 226-2422
EARP, HENRY SHELTON, III UNC, DEPT. OF MEDICINE CHAPEL HILL 27514	END/IM 032 AC 919 966-3338	EDWARDS, ELLISON FRANCIS 3535 RANDOLPH ROAD, STE. 204 CHARLOTTE 28211	PS/MFS 060 A AC 919 378-9906	ELLINGTON, ROBERT NORWOOD 291 N. GRAHAM-HOPEDALE ROAD BURLINGTON 27215	OBG 001 AC 919 226-2422
EASLEY, ELEANOR BEAMER 141 CAROL WOODS CHAPEL HILL 27514	GYN/OBS 032 A L/RT 919 968-8229	EDWARDS, ELMO STEPHEN 2800 BLUE RIDGE BLVD., STE. 501 RALEIGH 27607	PD 092 A P * AC 919 781-7490	ELLIOTT, CHARLES MARTIN 1960 RANDOLPH ROAD CHARLOTTE 28207	CD/IM 061 A AC 704 373-1501
EASON, HERMAN FRANKLIN P. O. BOX 1521 WILSON 27893	PUD/R 098 A L 919 243-4752	EDWARDS, GEORGE SADLER, JR. 3410 EXECUTIVE DR. RALEIGH 27609	HS/ORS 092 A AC 919 872-5296	ELLIOTT, HARDIE BISHOP 47 VILLAGE GREEN SOUTHERN PINES 28387	EM 061 A AC 919 692-7451
EASON, ERNEST BERNARD 1522 VAUGHN RD. BURLINGTON 27215	IM 001 A AC 919 226-1658	EDWARDS, GEORGE SADLER, SR. 3410 EXECUTIVE DRIVE RALEIGH 27609	ORS 092 A AC 919 872-5296	ELLIOTT, JAMES FRANCIS, SR. ROUTE #2, BOX 405 CREEDMOOR 27522	P 031 A AC 919 528-2431
EASON, GEORGE WILLIAM 111 RIPLEY ROAD WILSON 27893	DR 098 A AC 919 399-8112	EDWARDS, JAMES L., JR. 1100 OLIVE STREET GREENSBORO 27401	IM/GE 041 A AC 919 378-9906	ELLIOTT, JOS. ALEXANDER, JR. 1900 RANDOLPH RD. SUITE 714 CHARLOTTE 28207	D 061 A * AC 704 375-0041

ELLIS, CHARLES ROBERT	FP 080	ERNST, HENRY EDWIN	IM 013	FABIAN, DENIS	PS /GS 026
106 S. MYRTLE ST.	A AC	167 INGLESIDE DRIVE, S.E.	L/RT	503 OWEN DR.	A AC
CHINA GROVE 28023	704 857-0137	CONCORD 28025	704 782-0960	PO BOX 64517	
ELLIS, CLARENCE ONEIL	IM 060	ERRICO, JAMES MELTON	OPH 040	FAYETTEVILLE 28306	919 483-8121
2021 E. 7TH ST.	A AC	100 WESTWOOD AVENUE	A P AC	FADIAL, JOHN MURRAY	EM 060
CHARLOTTE 28204	704 372-9884	HIGH POINT 27262	919 889-2323	PO BOX 33549	A AC
ELLIS, GEORGE GREENE	FP 059	ERTISCHEK, STEPHEN DAVID	IM 039	CHARLOTTE 28233	704 371-4160
P. O. BOX 789	AC	1032 COLLEGE STREET	A AC	FAGAN, JAMES ARTHUR	DR /NM 060
OLD FORT 28762	704 668-7694	OXFORD 27565	919 693-6541	PO BOX 33549	A AC
ELLIS, GEORGE JOSEPH, JR.	OBG 034	ERTUGRUL, GULTEKIN	GS /TS 004	CHARLOTTE 28233	704 371-4056
6034 RITTENHOUSE RD.	A AC	508 MORVEN ROAD	A AC	FAGG, JOHN ANDERSON	PS 034
MORGANTON 28655	919 765-6172	WADESBORO 28170	704 694-2136	2901 MAPLEWOOD AVENUE	A * AC
ELLIS, JOHN NELSON	ORS 063	ESHELMAN, THOMAS CARL	R 092	WINSTON-SALEM 27103	919 765-8620
PINEHURST SURGICAL CLINIC	A AC	8512 BOURNEMOUTH DR.	A AC	FAGUNDUS, DUNCAN MCLEOD	074
PINEHURST 28374	919 295-6831	RALEIGH 27615	919 755-3023	410-B STUDENT ST.	A S
ELLISON, CARROL WENDELL	OBG 012	ESPEY, DAN, JR.	FP 018	GREENVILLE 27834	919 752-3014
500 E. PARKER ROAD	A P AC	24 SECOND AVE., NE	A AC	FAHL, JAMES COX	GS 018
MORGANTON 28655	704 433-5700	HICKORY 28601	704 327-4453	24 SECOND AVENUE, N. E.	A AC
ELLISON, GERALD LYNN	DR 026	ESPORAS, DEMOSTHENES CAGBALINO	U 053	HICKORY 28601	704 328-2231
495 RAYCONDA	P AC	1610 LORD ASHLEY DR.	A AC	FAIL, PHILIP JACKSON	GP 014
FAYETTEVILLE 28304	919 483-7400	SANFORD 27330	919 775-7146	913 HARPER AVENUE, S.W.	AC
ELLISON, PAUL STRIBLING, JR.	023	ESTES, EDWARD HARVEY, JR.	IM /CD 032	LENOIR 28645	704 758-2353
408-B LEWIS ST.	A S	407 CRUTCHFIELD ST.	A P * AC	FAIRCHILD, KAREN DIANE	032
GREENVILLE 27834	919 482-6217	DURHAM 27704	919 471-2571	4012 HILLGRAND DR.	A S
ELLISON, THOMAS SCOTT	023	ESTOYE, CESAR ROMERO	GS /GP 073	DURHAM 27705	919 383-5160
2401 FAIRWAY DR.	A S	601 RIDGE ROAD	A P AC	FAJARDO, AGAPITO LACSON	GP 082
WINSTON-SALEM 27103	919 722-1807	ROXBORO 27573	919 599-0202	407 BEAMAN ST.	A AC
ELLISTON, E. BRUCE	FP 011	ESTOYE, TERESITA FERRER	OBG /NPM 073	CLINTON 28328	919 592-1462
206 ASHELAND AVE.	A AC	601 RIDGE ROAD	A P AC	FAJENBAUM, DAVID MONIEK	ORS 092
ASHEVILLE 28801	704 258-8681	ROXBORO 27573	919 599-0202	3410 EXECUTIVE DRIVE	A AC
ELLISTON, WINSTON LEON	AI /PD 011	ESTWANIK, JOSEPH JOHN	ORS 060	RALEIGH 27619	919 872-5296
210 ASHELAND AVE.	A P AC	1516 ELIZABETH AVE.	AC	FALES, ROBERT MARTIN	GS 065
ASHEVILLE 28801	704 253-3382	CHARLOTTE 28204	704 334-4663	407 W. RENOVAN CIRCLE	A L/RT
ELMORE, MILES	IM /NEP 011	ETHERINGTON, JOHN L.	OPH /OTO 096	WILMINGTON 28403	919 762-1285
10 MCDOWELL STREET	A AC	2709 MEDICAL OFFICE PLACE	L	FALLETTA, JOHN MATTHEW	PHO 032
ASHEVILLE 28801	704 258-8545	GOLDSBORO 27530	919 735-3701	BOX 2916, DUMC	AC
ELMORE, WILLIAM GLENN	DR 042	EUBANKS, WILLIAM MALCOLM, JR.	OBG 060	DURHAM 27710	919 684-3401
P. O. BOX 249	* AC	1712 E. FOURTH STREET	A AC	FALLS, DARRYL LEE	OBG 016
ROANOKE RAPIDS 27870	919 535-2121	CHARLOTTE 28204	704 375-9074	#9 MEDICAL PARK	AC
EMERY, DARYL CHARLES	IM /CD 092	EURE, CHARLES ALLAN	IM 092	MOREHEAD CITY 28557	919 726-0107
1212 CEDARHURST DR.	A * AC	3521 HAWORTH DR.	* AC	FALVO, SAMUEL CATANZARO	CRS /GS 045
RALEIGH 27615	919 872-4850	RALEIGH 27609	919 782-1806	511 SIXTH AVENUE, WEST	A AC
ENGELKE, STEPHEN CARL	PD /NPM 074	EVANGELIST, FELIX ANTHONY	CDS /TS 060	HENDERSONVILLE 28739	704 693-9566
220 PINEVIEW DRIVE	AC	1900 RANDOLPH RD. STE. 408	A P AC	FAN, JACK J.	FP 051
GREENVILLE 27834	919 551-4665	CHARLOTTE 28207	704 333-7731	P. O. BOX 807	A AC
ENGELSTAD, ANNE CARINE A.	034	EVANS, AMOS RAY	P 074	CLAYTON 27520	919 553-5711
108 OLD OAK CIRCLE #B2	A S	1705 W. SIXTH STREET, BLDG. H	A P AC	FARABOW, WILLIAM SIDNEY	OBG 040
WINSTON-SALEM 27106	919 767-8331	GREENVILLE 27834	919 758-4810	400 N. ELM ST.	A P AC
ENGSTROM, GEORGE ALFRED	PD 013	EVANS, DAVID ARNOLD	OBG 090	HIGH POINT 27260	919 889-4353
40 ARDSLEY AVENUE, N.E.	AC	1408 E. FRANKLIN ST.	A * AC	FARAHNAKIAN, ALI	R 034
CONCORD 28025	704 786-1145	MONROE 28110	704 289-2553	PO BOX 104	AC
NNIS, GEORGE ELLIOTT	IM /HEM 018	EVANS, JAMES HARVEY	074	DANBURY 27016	
912 SECOND STREET, N. E.	A P AC	E-6 DOCTOR'S PARK	A S	FARIS, JOHN CHARLES	DR /NM 034
HICKORY 28601	704 328-2381	GREENVILLE 27834	919 758-2577	2803 LYNHURST AVE.	A P * AC
NOJADO, SILVERIO CASTRO, JR.	FP 009	EVANS, JOSEPHINE ADAMSON	032	WINSTON-SALEM 27103	919 768-1021
P. O. BOX 308	A AC	1010 DEMERIUS ST.	A S	FARLEY, DYER JACKSON, JR.	GS 055
CLARKTON 28433	919 647-4311	DURHAM 27701	919 688-5730	P. O. BOX 757	AC
NRIGHT, KATHERINE ANNE	IM 032	EVANS, OTIS DRUELL, JR.	OBG 023	LINCOLNTON 28092	704 735-0481
BOX 3099, DUMC	A R	110 W. GROVER STREET	A AC	FARLEY, ROBERT HUGH	GS 041
DURHAM 27710	919 684-2675	SHELBY 28150	704 487-5258	311 W. WENDOVER AVE.	A AC
NSOR, ROBERT DALE	U 060	EVANS, WALLACE NICKLES, II	FP 092	GREENSBORO 27408	919 275-8415
1333 ROMANY ROAD	* AC	121 EDINBURGH SOUTH, STE. 100	A AC	FARLEY, WILLIAM WINFREE	PD 092
CHARLOTTE 28204	704 372-5180	CARY 27511	919 467-3281	3814 BROWNING PLACE	* AC
PES, CHARLES RICHARD	OPH 041	EVATT, W. CHRISTOPHER	074	RALEIGH 27609	919 782-8326
3312 BATTLEGROUND AVE.	A AC	A-Z UNIVERSITY MEDICAL PK.	A S	FARMER, CHARLES DUDLEY	NEP /IM 060
GREENSBORO 27410	919 282-5000	GREENVILLE 27834	919 758-2059	928 BAXTER ST.	A AC
PNER, RONALD ALAN	ORS /HS 092	EVERETT, ROY NATHAN	PUD 054	CHARLOTTE 28204	704 374-1321
101 S.W. CARY PARKWAY	A AC	109 AIRPORT ROAD	A AC	FARMER, JOHN LOVELACE, JR.	D 092
CARY 27511	919 467-4992	KINSTON 28501	919 522-4094	231 BRYAN BUILDING	AC
PPLE, KENNETH HALL	P 041	EVERHART, CARLTON DHU	FP 086	RALEIGH 27605	919 828-0288
2311 LAFAYETTE AVE.	A RT	911 WORTH ST.	AC	FARMER, JOSEPH C., JR.	OTO /OT 032
GREENSBORO 27408	919 288-6215	MOUNT AIRY 27030	919 786-5108	DUKE, DEPT. OF SURGERY	A AC
PSTEIN, SUSAN ELISE	034	EWERS, EDWIN PATTERSON	FP 031	DURHAM 27710	919 684-6357
1815 BRANTLEY ST.	A * S	P. O. BOX 487	A L/RT	FARMER, THOMAS WOHLSEN	N/IM 032
WINSTON-SALEM 27104		WARSAW 28398	919 293-4432	UNC SCHOOL OF MEDICINE	A * L
RB, NORRIS SCRIBNER	U 080	EWING, JOHN ALEXANDER	P 026	751 BURNETT-WOMACK BLDG 229-H	
8 OAK ROAD	AC	1262 OLIVER ST.	A AC	CHAPEL HILL 27514	919 966-2526
SALISBURY 28144	704 633-2449	FAYETTEVILLE 28304	919 484-5151	FARMER, WOODARD EASON	IM 011
RDIN, ROBERT ALEXANDER, JR.	CD /IM 040	EYERMAN, MELVIN FREDERIC	PH 034	27 PARK RD.	A L
624 QUAKER LN., STE. 103-C	A P AC	1244 ARBOR ROAD, 444	A * L/RT	ASHEVILLE 28813	704 274-0718
HIGH POINT 27262	919 885-6168	WINSTON-SALEM 27104	919 723-7420	FARNHAM, ROBERT, III	PTH 060
RLANDSON, STEPHEN ERIC	FP 086	EYSTER, JAMES M.	DR 092	PRESBYTERIAN HOSP	A AC
815 N. BRIDGE ST.	AC	1028 WASHINGTON ST.	A AC	PATHOLOGY DEPT.	
ELKIN 28621	919 835-4819	PO BOX 10956		CHARLOTTE 28233	704 371-4814
RNEST, JOSEPH MACDONALD, III	OBG 034	RALEIGH 27605	919 834-8733	FARRELL, FRANK WILSON, JR.	DR 034
BOWMAN GRAY, DEPT. OF OBG	AC			3155 MAPLEWOOD AVENUE	A AC
WINSTON-SALEM 27103	919 748-4291			WINSTON-SALEM 27103	919 773-3878

FARRINGTON, CECIL MURRAY, JR. 322 MOCKSVILLE AVENUE SALISBURY 28144	FP 080 AC 704 637-1123	FERNANDEZ, CHARLES RAYMOND 1350 S. KINGS DRIVE CHARLOTTE 28207	ID /IM 060 A AC 704 372-8750	FISCHER, JANET JORDAN N. C. MEMORIAL HOSPITAL CHAPEL HILL 27514	ID /IM 032 AC 919 966-2536
FARRINGTON, JOHN KIRBY 307 N. LINDSAY ST. HIGH POINT 27262	OBG 040 A AC 919 885-0149	FERNANDEZ, ISABEL M. 1900 QUEEN ST. APT. C-1 WINSTON-SALEM 27103	034 A S 919 723-3463	FISCHER, MARTIN JOSEPH 520 BILTMORE AVENUE ASHEVILLE 28801	TS /GS 011 A AC 704 252-7357
FAULL, CLIFFORD EDWARD 3 EASTGATE SYLVA 28779	ORS 050 A AC 704 586-5531	FERRARI, CAROLYN JEAN 2920 NORTHBRIDGE WINSTON-SALEM 27103	034 S 919 765-5288	FISCHER, NEWTON D. UNC SCHOOL OF MEDICINE CHAPEL HILL 27514	MFS /OTO 032 A AC 919 966-3341
FAUSCH, MARK DAVID 1201-C WAYNE MEMORIAL DR. GOLDSBORO 27530	IM 096 AC 919 734-7530	FERRER, CAROLYN RUTH BLACK 300 S. HAWTHORNE RD. WINSTON-SALEM 27103	TR 034 A P * AC 919 748-4981	FISH, HARRY GUSTAV, JR. 100 NASH MEDICAL ARTS MALL ROCKY MOUNT 27801	GS 064 A * AC 919 443-9084
FAX, JOHN NICHOLAS, JR. 204 W. 28TH STREET LUMBERTON 28358	ORS 078 A P AC 919 739-4313	FERRER, CHARLES ELLIOT 3535 RANDOLPH RD. CHARLOTTE 28211	IM 060 A AC 704 365-0760	FISHER, CARL ELLIS 902-C COX ROAD GASTONIA 28054	PD 036 A AC 704 867-5356
FAYEZ, JAMIL ABDEL-LATIF BOWMAN GRAY SCH. OF MEDICINE WINSTON-SALEM 27103	OBG /END 034 * AC 919 748-2368	FERRELL, PAUL BRENT 808 SCHENCK ST. SHELBY 28150	RHU /IM 023 A AC 704 482-1482	FISHER, EARL ELLIOTT, JR. 1700 S. TARBORO STREET WILSON 27893	PD 098 A AC 919 291-4370
FEARRINGTON, ERIC 2 MEDICAL PAVILION GREENVILLE 27834	CD /IM 074 AC 919 752-3185	FERRY, SENECA TAYLOR, II P. O. BOX 8 SMYRNA 28579	EM /FP 016 A AC 919 729-7831	FISHER, EDWARD CARL 1023 EDGEHILL ROAD CHARLOTTE 28207	OBG 060 A AC 704 373-1541
FEDDER, MARC 208-D W. CENTER STREET P. O. BOX 557 LEXINGTON 27292	IM /ID 029 A AC 704 249-4296	FETTER, BERNARD FRANK DUKE UNIV. MEDICAL CENTER DURHAM 27710	PTH 032 A * AC 919 684-3685	FISHER, ERNEST WOODROW 102 GEORGIA ROAD FRANKLIN 28734	FP 056 A L/RT 704 524-5752
FEDOR, JOHN MICHAEL 1960 RANDOLPH ROAD CHARLOTTE 28207	CD /IM 060 A AC 704 373-1500	FEUER, ABE LAWRENCE 1006 FAIRFIELD DR. GASTONIA 28054	OTO 036 L/RT 704 864-2222	FISHER, JOHN APFEL DEPUTY DIRECTOR, MED. SERV. O'BERRY CENTER, BOX 247 GOLDSBORO 27530	PD 096 AC 919 731-3670
FEE, BRUCE EDGAR 1350 S. KINGS DRIVE CHARLOTTE 28207	R 060 AC 704 372-8750	FEWELL, JOSEPH EURANUS, JR. 420 N. CENTER STREET HICKORY 28601	PS 018 A P AC 704 322-8380	FISHER, MARSHALL LOUIS 140 E. 83RD ST., APT. 11-C NEW YORK, NY 10028	P 060 L 212 535-8747
FEESER, SCOTT ALAN 4800 UNIVERSITY DR. #27E DURHAM 27707	032 A S 919 493-0433	FICKLEN, CONWAY HAMILTON 1912 MEETINGS COURT WILMINGTON 28401	OBG 065 AC 919 763-8471	FISHER, OTIS NORWOOD P. O. BOX 13005 GREENSBORO 27405	R 041 A AC 919 379-4360
FEZZOR, CHARLES NOEL 6 PINETREE ROAD SALISBURY 28144	FP 080 A L 704 633-1787	FIELD, BOB LEWIS 1239 W. HENDERSON ST. SALISBURY 28144	FP 080 A L 704 636-0732	FISHER, SAMUEL RANKIN BOX 3805, DUMC DURHAM 27710	HNS /OTO 032 A * AC 919 684-4201
FEZZOR, CHARLES NOEL, JR. 3535 RANDOLPH ROAD, STE. 101 CHARLOTTE 28211	U 060 AC 704 366-4631	FIELDS, KARL BERTRAND 1411 GARLAND DR. GREENSBORO 27408	FP 041 A AC 919 379-4133	FISHER, WILLIAM SLOAN, III 175 CHARLOIS BLVD. STE. 101 WINSTON-SALEM 27103	OTO 034 A AC 919 768-3361
FEHRING, THOMAS K. 120 PROVIDENCE ROAD CHARLOTTE 28207	ORS 060 A AC 704 377-0351	FIELDS, THOMAS DUDLEY 604 E. 12TH ST. WASHINGTON 27889	U 007 A AC 919 946-0136	FISSCHER, ROLF HENDRIK 2023 S. 17TH ST. WILMINGTON 28401	P/N 065 AC 919 343-0151
FEIN, DOUGLAS A. 300 S. HAWTHORNE RD. BOX 484, BOWMAN GRAY WINSTON-SALEM 27103	034 A S 919 724-4478	FILLIPO, DREW CRAIG 311 E. PATTERSON PLACE CHAPEL HILL 27514	032 A S 919 967-4626	FITCH, DUANE DOUGLAS 1704 S. TARBORO ST. WILSON 27893	GE /IM 098 A AC 919 291-7001
FELDMAN, WALTER SIDNEY 501 BILLINGSLEY RD. CHARLOTTE 28211	P/LM 060 A AC 704 375-3575	FILSTON, HOWARD CHURCH BOX 3815, DUMC DURHAM 27710	PDS /GS 032 A AC 919 684-3478	FITCH, ROBERT DOUGLAS BOX 2911, DUMC DURHAM 27710	ORS /PDS 032 A AC 919 684-3104
FELIX, RICHARD REID A-305 DOCTOR'S BUILDING ASHEVILLE 28801	P/PYM 011 AC 704 258-3880	FINA, MICHAEL FRANCIS 1901 S. HAWTHORNE RD., #310 WINSTON-SALEM 27103	GE /IM 034 A AC 919 760-4340	FITZ, THOMAS EDMUNDS 2133 9TH ST. NW HICKORY 28601	IM /CD 018 * L/RT 704 322-1066
FELKNER, RICHARD S. 1600 E. THIRD STREET CHARLOTTE 28204	OTO 060 A AC 704 372-3300	FINCHER, ROBERT CHARLES, JR. 107 SPENCER STREET HIGH POINT 27260	P/PH 040 A * L/RT 919 889-5511	FITZGERALD, DWIGHT MELVIN ROUTE #2, BOX 196 CONOVER 28613	GS /TS 018 AC 704 322-8485
FELTON, ROBERT LEE, JR. PO BOX 57 WATERFORD, VA 22190	GP 063 A L 703 882-3743	FINESTONE, DOUGLAS HOWARD PYM /PYA BOX 3889, DUMC DURHAM 27710	032 A AC 919 684-3318	FITZGERALD, JOHN HILL 626 CLARK DRIVE LINCOLNTON 28092	GP /PD 059 A L 704 735-8257
FELTS, JOHN HARVEY BOWMAN GRAY SCH. OF MED. WINSTON-SALEM 27103	NEP /IM 034 AC 919 748-4259	FINGER, FREDERICK ELI, III 1900 RANDOLPH RD., STE. 502 CHARLOTTE 28207	NS 060 A AC 704 372-8860	FITZGERALD, ROBERT GREESON P. O. BOX 856 ROXBORO 27573	GP 073 A AC 919 599-1131
FENCIL, RAYMOND JOHN 180-0 PARKWOOD ELKIN 28621	U 086 AC 919 526-2000	FINK, EMMA SLOOP BOX 160 CROSSNORE 28616	FP 006 A P * L 704 733-4367	FITZPATRICK, HUGH, III 117 S. MAIN ST. ASHEBORO 27203	EM 040 AC 919 454-1166
FENNING, ROBERT LAWRENCE 3535 RANDOLPH ROAD CHARLOTTE 28211	ON /ON 060 A AC 704 365-0760	FINK, GARY LEE BROWN ST., P. O. BOX 610 FAITH 28041	IM 060 AC 704 279-2981	FITZPATRICK, JOHN FRANCIS RANDOLPH PATHOLOGY P. O. BOX 1948 ASHEBORO 27203	PTH /IM 076 A AC 919 629-3282
FERDON, BENJAMIN BETHEA 3100 BLUE RIDGE BLVD., #300 RALEIGH 27612	IM 092 A P AC 919 781-7500	FINKLEA, LEE KILPATRICK 250 CHARLOIS BLVD. WINSTON-SALEM 27103	PD 034 A AC 919 768-4730	FLANAGAN, BRIAN FRANCIS 618 MOREHEAD AVE. APT. #1 DURHAM 27707	032 A S 919 383-7627
FERGUSON, ALFRED LEA 6 DOCTOR'S PARK GREENVILLE 27834	NEP /IM 074 A P * AC 919 752-8880	FINKLEA, ORION TOWNSEND 1333 ROMANY ROAD CHARLOTTE 28204	U 060 A AC 704 372-5180	FLANNERY, JOHN EDWARD 53 MAIN STREET HAMLET 28345	IM 077 A AC 919 582-0004
FERGUSON, BERRYLYN JUNE 2620 MCDOWELL ST. DURHAM 27705	OTO 032 A R 919 684-6872	FINLEY, JAMES LEO BRODY 1F79, ECU SCH. OF MED. GREENVILLE 27834	PTH 074 A AC 919 551-4495	FLEISHMAN, HENRY ARNOLD 515 THOMPSON ST., STE. B EDEN 27288	GS /CD 079 A AC 919 623-9118
FERGUSON, GEORGE BURTON 1110 W. MAIN STREET DURHAM 27701	OTO 032 A L 919 682-9341	FINN, RICHARD CONNELL 250 CHARLOIS BOULEVARD WINSTON-SALEM 27103	OBG 034 A AC 919 768-4730	FLEISHMAN, LAWRENCE MARK 7110 LAWYER'S ROAD CHARLOTTE 28211	IM 060 AC 704 568-6500
FERGUSON, WILLIAM CLAY 2680 REYNOLDS DRIVE WINSTON-SALEM 27104	GS /TS 034 A AC 919 765-8020	FINN, WILLIAM FRANCIS, JR. 854 BRENT ST. WINSTON-SALEM 27103	EM 034 A R 919 760-2462	FLEISHMAN, MALCOLM P. O. BOX 35126 FAYETTEVILLE 28303	IM /CD 028 A P * AC 919 484-0147
FERNALD, GERALD WALLACE N. C. MEMORIAL HOSPITAL CHAPEL HILL 27514	PD /ID 032 A AC 919 966-2069	FIORILLI, MARIO GRAZIA 220 SMITH CHURCH ROAD ROANOKE RAPIDS 27870	ID /IM 042 A AC 919 535-3001	FLEISHMAN, STEPHEN BAER 1285 OLIVER STREET FAYETTEVILLE 28304	P/CHP 024 A P AC 919 484-417

FLEMING, CHRISTOPHER PAUL 202 W. 28TH ST. LUMBERTON 28358	OPH 078 A * AC 919 739-0606	FOLGER, JOHN RUSSELL, JR. 207 E. MAIN ST. BREVARD 28712	FP /PH 088 A AC 704 966-9633	FORT, WILKINSON DAVIS 1000 N. FIFTH STREET ALBEMARLE 28001	OBG 084 A P AC 704 982-8112
FLEMING, DUARD FRANCIS, JR. 425 STANTONSBURG ROAD GREENVILLE 27834	N 074 A * AC 919 752-4848	FOLLMER, RONALD LESTER PO BOX 32861 CHARLOTTE 28232	N 060 A AC 704 338-4053	FORTIER, KENNETH JOSEPH 2800 BLUE RIDGE BLVD. STE. 502 RALEIGH 27607	OBG 092 A AC 919 781-5513
FLEMING, LAURENCE EDWIN 1116 PROVIDENCE ROAD CHARLOTTE 28207	ABS 060 A L 704 332-6896	FOLLO, PAIGE BILL 1209 MAGNOLIA STREET GREENSBORO 27401	PD 041 A AC 919 273-2879	FORTNEY, AUSTIN POWELL P. O. BOX 579 JAMESTOWN 27282	IM 040 A AC 919 454-3151
FLEMING, PAUL ARTHUR 3613 HAWORTH DR. RALEIGH 27609	GYN /PYM 092 A AC 919 781-5550	FONTRIER, TOINETTE HELEN 8220 WHITE WATER DR. CLEMMONS 27012	AN 034 A AC 919 766-4321	FORTNEY, SIDNEY RAY 68 LAKE CONCORD ROAD, N.E. CONCORD 28025	IM /END 013 A AC 704 782-3135
FLEMING, ROBERT HENRY 2800 BLUE RIDGE BLVD., STE 501 RALEIGH 27607	PD 092 A AC 919 781-7490	FORBES, THOMAS EARL P. O. BOX 659 REIDSVILLE 27320	FP 079 A L/RT 919 349-5324	FORTUNE, BENJAMIN FLETCHER 906 W. CORNWALLIS DRIVE GREENSBORO 27408	AN 041 A L/RT 919 272-7755
FLEMING, STEPHEN G. 30 DOCTORS PARK BOONE 28607	ORS 095 A AC 704 264-1100	FORD, BLANCHARD FRED, JR. P. O. BOX 336 SHALLOTTE 28459	FP 010 A L 919 754-6474	FOSTER, BOB MAXWELL P. O. BOX 427 MOCKSVILLE 27028	FP 034 A * AC 704 634-2108
FLEMING, WILLIAM LEROY UNC, DEPT. OF FAMILY MED. CHAPEL HILL 27514	GPM /IM 032 A L/RT 919 966-5745	FORD, CHARLES PHILLIP, JR. 5216 EMERALD DRIVE EMERALD ISLE, ROUTE #3 MOREHEAD CITY 28557	OM 054 A AC 919 354-3018	FOSTER, JOHN THOMAS P. O. BOX 2588 HICKORY 28603	OPH 018 A * AC 704 322-0500
FLETCHER, JOHN DAVID 5244 INVERNESS DRIVE DURHAM 27712	PH /PD 032 A AC 919 688-8018	FORD, CHARLES STEPHEN 105 BRANTLEY CIRCLE HIGH POINT 27262	N 040 A AC 919 841-4233	FOSTER, REX BENTLEY, III 1200 DILWORTH RD. CHARLOTTE 28203	AN 060 A AC 704 338-2372
FLETCHER, ROBERT GEORGE 401 N. MAIN STREET WINSTON-SALEM 27102	OM /FP 034 A AC 919 777-2024	FORD, MARSHA DEAN CHARLOTTE MEM. HOSP. PO BOX 32861 CHARLOTTE 28232	EM /IM 060 A * AC 704 338-3181	FOSTER, WILLIAM LEICESTER, JR. DUMC, DEPT. OF RADIOLOGY DURHAM 27710	R 032 A AC 919 286-0411
FLETCHER, ROBERT HILLMAN UNC, DEPT. OF MEDICINE CHAPEL HILL 27514	IM /PH 032 A AC 919 966-1274	FORD, ROBERT VIRGIL, JR. 3175 MAPLEWOOD AVENUE WINSTON-SALEM 27103	PD 034 A AC 919 768-7030	FOSTER, WILLIAM WADE 3320 EXECUTIVE DR., STE. 111 RALEIGH 27609	OPH 092 A P * AC 919 876-2427
FLETCHER, SUZANNE WRIGHT UNC, DEPT. OF MEDICINE CHAPEL HILL 27514	IM /PH 032 A AC 919 966-2276	FORDE, RICHARD JAMES PO BOX 8428 GREENVILLE 27835	P 074 A AC 919 551-2661	FOULKS, GARY NEAL BOX 3802, DUKE UNIV. EYE CTR. DURHAM 27710	OPH 032 A * AC 919 684-6417
FLEURY, ROBERT ANDRE PO BOX 56 SOUTHERN PINES 28387	P 063 A AC 919 692-6471	FORDHAM, CHRISTOPHER C., III UNC, 103 SOUTH BLDG. 005-A CHAPEL HILL 27514	IM /NEP 032 A AC 919 962-1365	FOUSHEE, J. HENRY SMITH, JR. 718 FORSYTH MEDICAL PARK WINSTON-SALEM 27103	PTH 034 A P AC 919 768-2351
LICK, CONRAD L. BOX 2734, DUMC DURHAM 27710	032 A S	FORE, STEVEN RONALD 200 E. NORTHWOOD ST. STE. 216 GREENSBORO 27401	OBG 041 A AC 919 275-5391	FOUSHEE, JOHN CALDWELL 1710 CARTHAGE ST. SANFORD 27330	GS 053 A L/RT 919 775-7146
LICKINGER, EDWARD GARNER 305 GRANVILLE DRIVE GREENVILLE 27834	GS 074 A AC 919 551-4629	FORE, WILLIAM WHATELY ECU SCHOOL OF MEDICINE GREENVILLE 27858	END /IM 074 A AC 919 551-2571	FOUST, JOHN WORTH 3535 RANDOLPH ROAD CHARLOTTE 28211	OT 060 A P * AC 704 365-0711
LOOD, ROY DEVONNE BOX #7, SPRING BRANCH ROAD MURFREESBORO 27855	FP 008 A AC 919 398-3323	FOREMAN, FRANK LEROY 706 HARTNESS ROAD STATESVILLE 28677	D 049 A AC 704 873-0545	FOUWLER, HENRY JACKSON P. O. BOX 38 WALNUT COVE 27052	GP 034 A AC 919 591-4306
LOREK, GERY KENT BOX 3963, DUMC DURHAM 27710	N /ON 032 A R 919 684-2662	FOREMAN, ROBERT HUGH 4104 REDWINE DRIVE GREENSBORO 27410	FP 041 A AC 919 294-6190	FOUWLER, WILLIAM BRIGHT 675 BILTMORE AVENUE ASHEVILLE 28803	PYA /CHP 032 A AC 919 684-3044
LORES, RODOLFO FLORES P. O. BOX 96 DANBURY 27016	FP /IM 034 A AC 919 593-8281	FOREMAN, SUSAN DOWNER 505 BREMERTON DR. GREENVILLE 27834	PD 074 A AC 919 752-7141	FOUWLER, WILLIAM EDWARD 106 SCALES PL., B-1 GREENVILLE 27834	IM 011 A AC 704 252-1830
LOURNOY, JOHN EPPES KINSTON CLINIC, NORTH DOCTORS DRIVE KINSTON 28501	R 054 A AC 919 527-7077	FORGY, BYRON KEITH 341 E. PARKER ROAD MORGANTON 28655	GS 012 A AC 704 433-6390	FOX, EARL RUSSELL 1830 DELAWARE AVE. CAPE MAY, NJ 08204	074 S 919 758-2908
LOWE, BENJAMIN HUGH 56 LAKE CONCORD ROAD, N.E. CONCORD 28025	GS /TS 013 A P AC 704 786-1105	FORMAN, MARK STUART 910 CONSTITUTION APT. 717 DURHAM 27705	032 A S	FOX, ELISABETH JUNE BOX 3083, DUMC DURHAM 27710	RHU /IM 070 A AC 609 884-6391
LOWE, KENNETH MICHAEL 1608-H NORTHWEST BLVD. WINSTON-SALEM 27104	034 A S 919 761-1246	FORMANEK, AUGUSTIN GUSTAV BERMUDA RUN, BOX 617 103 HELLER COURT ADVANCE 27006	DR /PD 034 A AC 919 998-5333	FOX, JOE THOMAS, JR. 1900 RANDOLPH ROAD CHARLOTTE 28207	AN 032 A AC 919 681-3560
LOYD, ANDERSON GAYLE 302 N. THOMPSON STREET WHITEVILLE 28472	GP 024 L/RT 919 642-2150	FORREST, TERRY LEE PO BOX 10907 GOLDSBORO 27532	OPH 096 A AC 919 734-8440	FOX, POWELL GRAHAM, JR. 3320 WAKE FOREST RD. STE. 100 PO BOX 17908 RALEIGH 27609	P 060 A AC 919 790-0036
LOYD, HERBERT MYNATT 3551 BUENA VISTA ROAD WINSTON-SALEM 27106	AN 034 A AC 919 748-8611	FORRESTER, WILLIAM WOMBLE WESLEY LONG HOSPITAL P. O. DRAWER X-3 GREENSBORO 27402	PTH 041 A P AC 919 299-6815	FOX, RAYMOND MORRIS, JR. P. O. BOX 910 JACKSONVILLE 28541	U 092 A AC 919 347-2133
LOYD, WALTER LAWRENCE BOX 2977, DUMC DURHAM 27710	CD /IM 032 A AC 919 684-2845	FORRESTER, JAMES SUMMERS P. O. BOX 459 STANLEY 28164	FP /GPM 036 A AC 704 263-4716	FOX, RICHARD FRANKLIN 208 W. WENDOVER AVE. GREENSBORO 27401	NEP /IM 041 A AC 919 379-9708
LOYD, WILLIAM RUSSEL P. O. BOX 5347 DECEASED-12-15-86 SPARTANBURG, SC 29304	GS 013 A L 803 583-4732	FORSYTH, ALAN GRAY 21 EAST A STREET NEWTON 28658	FP 018 A AC 704 465-3928	FOY, DAVID MARK STE. 5-F, DOCTOR'S PARK ASHEVILLE 28801	FP 011 A AC 704 252-8885
LYTHE, WILLIAM HENRY 1131 GATEHOUSE ROAD HIGH POINT 27260	IM 040 A L 919 882-8933	FORSTNER, JAMES ROBERT 250 E. 11TH ST. SOUTHPORT 28461	FP 010 A AC 919 278-3981	FRAASA, ROBERT CONRAD 4625 COLONY RD. H CHARLOTTE 28226	FP 060 A AC 704 535-4011
OGLEMAN, ROSS LEE, JR. KINSTON CLINIC KINSTON 28501	FP 054 A AC 919 527-7194	FORSYTH, H. FRANCIS 2865 BARTRAM ROAD WINSTON-SALEM 27106	ORS 034 A L/RT 919 724-1334	FRANCE, RANDAL DENNIS DUMC, DEPT. OF PSYCHIATRY DURHAM 27710	P /PYM 032 A AC 919 684-5518
OIL, MARY BETH PO BOX 87422 SAN DIEGO, CA 92870	GS 074 A AC	FORT, LYNN, III 3535 RANDOLPH ROAD, 201-W CHARLOTTE 28211	GS /TS 060 A AC 704 364-8100	FRANCIS, EDWIN HOWARD 9 VILLAGE GREEN SOUTHERN PINES 28387	EM 063 A RT 919 295-7777
OLDS, WILLIAM FRANKLIN 5043 COUNTRY CLUB ROAD WINSTON-SALEM 27104	FP 034 A AC 919 768-9275				

FRANCIS, JOHN ARLIE	OBG 021	FRESCA, VICTOR ATTILIO	GP /R 016	FULGHUM, MARY SUSAN KIRK	GYN 092
PO BOX 990	AC	ROUTE #2	A AS	100 S. BOYLAN AVENUE	A AC
EDENTON 27932	919 482-7407	OAK BLUFF AT BRANDYWINE BAY	919 726-5587	RALEIGH 27603	919 832-5529
FRANCIS, KENNETH ROBERT	034	MOREHEAD CITY 28557	P 032	FULK, ROBERT VERNON, JR.	OTO 065
1400 CLIFF ST. #F	A S	FRICK, DONNA ELLIOTT	AC	2311 DELANEY AVENUE	AC
WINSTON-SALEM 27107	919 723-3817	109 CONNER DR., BLDG #3, STE. 203	919 933-5600	WILMINGTON 28403	919 762-8754
FRANCIS, ROBERT DEAN	ORS /HS 045	CHAPEL HILL 27514	U 032	FULLER, CORODON S., JR.	PH /GP 032
1027 FLEMING STREET	A AC	FRIED, FLOYD ALAN	A * AC	RT. #1, BOX 61	A L/RT
HENDERSONVILLE 28739	704 692-5781	UNC, DEPT. OF SURGERY	919 966-2571	MORAVIAN FALLS 28654	919 838-3334
FRANK, JAMES LAWRENCE	ORS 032	CHAPEL HILL 27514	OBG 032	FULTON, JAMES WALKER	OBG 040
1828 HILLDALE ROAD	A AC	FRIED, MICHAEL DAVID	AC	400 N. ELM ST.	A P AC
DURHAM 27705	919 286-1249	CONNER DRIVE PROF. BUILDING	919 544-3591	HIGH POINT 27260	919 889-4353
FRANK, JEFFREY H.	N 040	CHAPEL HILL 27514	032	FUNCIK, THOMAS	032
1414 LYNDDURST DR.	A AC	FRIEDBERG, R. C.	A S	237-D JACKSON CIRCLE	A S
HIGH POINT 27260	919 889-8877	1622 DELAWARE ST.	919 286-3909	ODUM VILLAGE	
FRANK, JOE LEE, JR.	R 008	DURHAM 27705	034	CHAPEL HILL 27514	919 933-6737
515 S. PEMBROKE AVENUE	A * AC	FRIEDFELD, STEFANIE ANN	A S	FUNDERBURK, AMON LEX	IM /END 034
AHOSKIE 27910	919 332-2390	103 PERSHING AVE.	919 722-9861	3080 TRENWEST DR.	* AC
FRANKLIN, EARL RUFFIN	PD 092	WINSTON-SALEM 27103	OPH /PA 092	WINSTON-SALEM 27103	919 768-2370
3803-A COMPUTER DR.	AC	FRIEDLAND, BETH ROSENTHAL	A AC	FURMAN, JEFFREY WILLIAM	FP /HYP 032
RALEIGH 27609	919 782-5273	10 PARK PLAZA, STE. 3	919 549-9135	110 S. ESTES DR.	AC
FRANKLIN, ROBERT CHARLES	FP 074	PO BOX 12765	U 011	CHAPEL HILL 27514	919 967-8291
500 CEDARHURST	A AC	RESEARCH TRIANGLE PK 27709	NS 032	FURMAN, LOWELL BENJAMIN	GS /CDS 095
GREENVILLE 27834	919 752-7133	FRIEDMAN, ALAN DAVID	AC	STATE FARM ROAD	AC
FRASER, DONALD DOYLE	D 060	100 VICTORIA ROAD	704 254-8883	BOONE 28607	704 264-2340
1350 S. KINGS DR.	AC	ASHEVILLE 28801	A AC	FURMAN, RICHARD WARREN	TS /GS 095
CHARLOTTE 28207	704 372-8750	FRIEDMAN, ALLAN HOWARD	NS 032	702 STATE FARM ROAD	A AC
FRASER, HUGH ERSKINE, JR.	D 041	BOX 3807, DUMC	A AC	BOONE 28607	704 264-2340
1030 PROFESSIONAL VILLAGE	A AC	DURHAM 27710	919 681-6421	FURR, CARL AUGUSTUS, JR.	OBG 013
GREENSBORO 27401	919 373-1383	FRIEDMAN, EDNA CHARNEY	PD /AN 018	1054 BURRAGE ROAD, N. E.	A AC
FRASER, ROBERT WELLINGTON, III	TR 060	5161 COLLINS AVENUE, APT. 412 A	A L/RT	CONCORD 28025	704 788-4151
PO BOX 32861	A AC	MIAMI BEACH, FL 33140	305 864-2880	FURR, SARA MARCELLA	074
CHARLOTTE 28232	704 338-2272	FRIEDMAN, MITCHELL	PUD /IM 032	2521 MEMORIAL DR.	A S
FRAZIER, ARNOLD RAY	PUD /IM 060	DIV. OF PULMONARY DISEASES	AC	GREENVILLE 27834	919 756-9596
CHARLOTTE MEMORIAL HOSPITAL A	AC	UNC, DEPT. OF MEDICINE	919 966-2532	FURR, WILLIAM S.	ORS 000
P. O. BOX 32861	704 331-2121	CHAPEL HILL 27514	ORS 090	1871 WALL ST. #4	A R
CHARLOTTE 28232	A 011	FRIEDRICH, THOMAS CHARLES	A AC	MEMPHIS, TN 38134	901 387-7999
FRAZIER, CLAUDE ALBEE	A AC	1104 OAK HILL DR.	704 289-4595	FUSSELL, FITZHUGH LEE, JR.	GP 042
DOCTOR'S PARK	704 254-1650	MONROE 28110	R 064	120 PROFESSIONAL DRIVE	AC
ASHEVILLE 28801	FP 042	FRITZ, RICHARD THOMAS	P AC	ROANOKE RAPIDS 27870	919 537-9176
FRAZIER, RICHARD ELLIS	AC	PO BOX 88	919 443-8083	FUTRELL, THOMAS MILTON	FP 029
120 PROFESSIONAL DRIVE	AN 041	RED OAK 27868	PD 018	201 W. HOLLY HILL ROAD	A AC
ROANOKE RAPIDS 27870	A AC	FROEDGE, JERRY KEITH	A P AC	THOMASVILLE 27360	919 475-9164
FREDERICK, CHARLES E.	919 299-6343	1985 TATE BOULEVARD, S.E.	704 322-2550	GABLE, RONALD SELMAN	OPH 013
612 WAYCROSS DR.	074	HICKORY 28602	032	33 LAKE CONCORD ROAD, N.E.	AC
GREENSBORO 27410	A S	FROBOSE, FREDERICK ALEXANDER	A S	CONCORD 28025	704 786-2015
FREEDMAN, MICHAEL VY	919 756-0396	RT. #1, BOX 93-E	919 929-3592	GABLE, WALTER DELAY	PTH /FOP 067
110 FARMHOUSE PLACE	N 092	CHAPEL HILL 27514	U 064	ONSLONG MEMORIAL HOSPITAL	A AC
GREENVILLE 27834	A * AC	FROBOSE, WILLIAM JOSEPH	A L/RT	JACKSONVILLE 28540	919 353-7803
FREEDMAN, STEVEN MITCHELL	919 782-3456	212 PIEDMONT AVENUE	919 443-3136	GABRIEL, DON ALEXANDER	HEM /IM 032
PO BOX 40999	074	ROCKY MOUNT 27801	IM 034	UNC, DIV. OF HEM/ONCOLOGY	AC
RALEIGH 27629	A AC	FROMSON, GERALD ALAN	919 768-4730	CHAPEL HILL 27514	919 966-4431
FREEL, PAUL DUANE	919 355-7807	250 CHARLOIS BOULEVARD	PD /ID 032	GABY, NANCY SUE	P 034
404 HILLCREST DRIVE	AC	WINSTON-SALEM 27103	919 684-6870	622 S. SUNSET DR.	A AC
GREENVILLE 27834	919 942-4867	FROTHINGHAM, THOMAS ELIOT	032	WINSTON-SALEM 27103	919 748-4558
FREEMAN, DAVID FRANKLIN	919 781-9633	BOX 3937, DUMC	A S	GACHET, FRED SMITH, JR.	GYN 018
ASHE PLACE	FP 044	DURHAM 27710	919 286-4515	1205 N. CENTER STREET	A AC
CHAPEL HILL 27514	704 627-2211	FRUCHT, DAVID MARTIN	OPH 011	HICKORY 28601	704 328-2901
FREEMAN, DOUGLAS G., JR.	U 036	38-C DUKE MANOR APTS.	A P AC	GADA, PRESTON HERBERT	GS /TS 092
3831 MERTON DRIVE	L/RT	DURHAM 27705	919 286-4515	2800 BLUE RIDGE BOULEVARD	A AC
RALEIGH 27609	803 831-8598	FRY, JOHN RUDOLPH	032	RALEIGH 27607	919 781-7412
FREEMAN, NANCY ROUSER	074	20/20 PLAZA	919 966-3341	GADD, DUWAYNE DOUGLAS	U 063
PO BOX 1409	A S	90 ASHELAND AVENUE	R 060	PINEHURST SURGICAL CLINIC	A AC
CANTON 28716	IM /OM 079	ASHEVILLE 28801	GS /TS 042	PINEHURST 28374	919 295-0252
FREEMAN, PERCY LEE	919 627-3081	FRY, TERRY LENTZ	PTH 033	GADDY, GEORGE DOUGLAS	OPH /OTO 001
LAKE WYLIE, RT. #5, BOX 410-G	GS 084	UNC, 610 CLINICAL SCI. 229-H	A AC	1608 MEMORIAL DRIVE	AC
CLOVER, SC 29710	A AC	CHAPEL HILL 27514	919 641-7155	BURLINGTON 27215	919 226-6321
FREEMAN, SANDRA	AN 012	FRYE, JOSEPH CRAIG	FP 074	GADDY, JOE ELLIS, JR.	CD /IM 034
411 E. FOURTH ST.	A P * AC	3535 RANDOLPH ROAD, SUITE 102 A	A AC	2810 MAPLEWOOD AVENUE	A AC
GREENVILLE 27834	704 438-2168	CHARLOTTE 28211	919 747-2921	WINSTON-SALEM 27104	919 768-0437
FREEMAN, TYLER IRA	IM 008	FU, HUNG-JEN	OBG 049	GADDY, ROBERT EDWIN, JR.	IM /CD 092
511 BRIARWOOD DR.	919 332-4155	1060 E. 10TH ST.	A AC	3900 BROWNING PLACE	A AC
EDEN 27288	919 276-3541	ROANOKE RAPIDS 27870	704 878-2011	RALEIGH 27609	919 781-9650
FREEMAN, WILLIAM HARRISON	U 083	FULBRIGHT, DEBORAH KAY	A * AC	GAGE, LAWRENCE E.	IM /CD 025
P. O. DRAWER 1398	AC	1203 HOWARD AVE.	919 832-4448	EASTERN CAROLINA IM, PA	A AC
ALBEMARLE 28001	919 276-3541	TARBORO 27886		PO BOX 68	
FREEMAN, WILLIAM TOWNSEND		FULCHER, WILLIAM L., III		POLLOCKSVILLE 28573	919 224-4591
P. O. BOX 2245		PO BOX 657		GAGE, LUCIUS GASTON, JR.	A 060
MORGANTON 28655		SNOW HILL 28580		1350 S. KINGS DRIVE	A AC
FREI, TIMOTHY EDWARD		FULGHUM, EDWIN MORTON, JR.		CHARLOTTE 28207	704 372-8750
AHOSKIE MEDICAL ASSOC., INC.		PO BOX 1460		GAGLIANO, LOUIS ANTHONY	P/GER 096
PO BOX 340		STATESVILLE 28677		P. O. BOX 1975	A AC
AHOSKIE 27910		FULGHUM, JAMES SPENCER, III		GOLDSBORO 27530	919 734-8604
FRENCH, THOMAS NASH		3009 NEW BERN AVE.		GAGLIANO, MARTHA ELLEN	PD 032
LAURINBURG SURGICAL CLI.		PO BOX 14027		827 LOUISE CIRCLE	A R
PO BOX 1808		RALEIGH 27610		DURHAM 27705	919 383-1882
LAURINBURG 28352					

GAINEY, JOHN WHITE, JR. P. O. DRAWER 97 MOREHEAD CITY 28557	GP 016 A AC 919 726-6143	GARBER, EDGAR CLYDE, JR. 1641 OWEN DRIVE FAYETTEVILLE 28304	GYN 026 AC 919 484-6474	GASKIN, ERNEST REED 100 QUEENS RD. CHARLOTTE 28204	OPH 060 A P AC 704 332-1156
GAITHER, JAMES COMER ROUTE #2, BOX 199 CONOVER 28658	IM 018 A * AC 704 322-1128	GARBER, RONALD LEWIS 208 W. WENDOVER AVENUE GREENSBORO 27401	NEP /IM 041 AC 919 379-9708	GASKIN, JOHN STOVER, JR. 206 W. MAIN ST. LOCUST 28097	FP 084 A AC 704 983-3121
GAITHER, ROBERT HUTH 1000 N. FIFTH STREET ALBEMARLE 28001	OBG 084 A P AC 704 982-8112	GARCIA, GILBERT JOSEPH, JR. 1008 E. ASH STREET GOLDSBORO 27530	GS /VS 096 AC 919 734-6414	GASKIN, LEWIS JAMES P. O. BOX 18139 RALEIGH 27619	AN 092 A * AC 919 781-7420
GALENTINE, PAUL GUY, III 3535 RANDOLPH RD., STE. 202 CHARLOTTE 28211	OPH 060 A AC 704 364-8576	GARDELLA, JOHN EUGENE 125 BALDWIN AVE. CHARLOTTE 28204	PUD 060 A AC 704 374-1696	GASKIN, LEWIS REED 100 QUEENS RD. CHARLOTTE 28204	OPH 060 A P AC 704 332-1156
GALL, STANLEY ADOLPH, JR. 2907 MONROE AVE. DURHAM 27707	032 A S 919 489-3621	GARDNER, FRANCIS SIDNEY, JR. 1219 WALTER REED ROAD FAYETTEVILLE 28304	OBG 026 A AC 919 323-2103	GASKINS, RAYMOND ALBERT, JR. 126 THORNCLIFF FAYETTEVILLE 28303	FP /OM 026 AC 919 323-3183
GALLAGHER, EDGAR GIVENS, JR. 1013 SCHALL PLACE JACKSONVILLE 28540	GS /TS 067 A AC 919 353-7848	GARDNER, WILLIAM RONALD 420 N. CENTER STREET HICKORY 28601	GS /CDS 018 A AC 704 327-9178	GASQUE, BOYD BENNETT, JR. P. O. DRAWER 1527 LUMBERTON 28359	DR 078 A AC 919 738-8222
GALLAGHER, JOHN JOSEPH 1960 RANDOLPH ROAD CHARLOTTE 28207	CD /IM 060 A AC 704 373-1503	GARFUNKEL, JOSEPH MORRIS 229 HUNTINGTON DR. CHAPEL HILL 27514	PD 032 A AC 919 966-5215	GASQUE, MAC ROY 5 FORTUNE COVE RD. BREVARD 28712	OM /PH 088 A L 704 884-2503
GALLAGHER, KATHLEEN A. 130 LAKE CONCORD RD. P. O. BOX 3345 CONCORD 28025	DR 013 A AC 704 786-0214	GARG, SHYAM LAL HAMPSTEAD MEDICAL CTR. HAMPSTEAD 28443	IM 065 A AC 919 270-2722	GATES, LAWRENCE KEITH, JR. 1710 VISTA DURHAM 27701	IM 032 A R 919 471-0705
GALLAGHER, TIMOTHY JOSEPH P. O. BOX 2959 103 DOCTOR'S BUILDING ASHEVILLE 28802	DR 011 AC 704 255-4167	GARISON, GARY BROWN 3423-A MELROSE ROAD FAYETTEVILLE 28304	CD /IM 026 A AC 919 484-6154	GATLIN, KEITH A., JR. 624 QUAKER LN., STE. 103-C HIGH POINT 27262	CD 040 A P AC 919 885-6168
GALLANIS, CRAIG T. 1333 MADISON AVE. WINSTON-SALEM 27103	034 A S 919 722-6835	GARLAND, RUSSELL TYSON 6824 SHILOH RIDGE LN. CHARLOTTE 28212	ORS 074 A R 919 756-4558	GATLING, H. BEE ROUTE #1, BOX 28 MILTON 27305	PH 073 AC 919 234-8656
GALLEMORE, WARREN GHOLSON P. O. BOX 5904 HIGH POINT 27262	IM 040 A * AC 919 889-1191	GARLAND, WESLEY SCOTT R. J. REYNOLDS, MEDICAL DEPT. WINSTON-SALEM 27102	OM 034 A AC 919 777-2027	GAUL, JOHN STUART, JR. 2600 E. 7TH ST. CHARLOTTE 28204	HS 060 AC 704 372-9820
GALLIS, HARRY ANTHONY BOX 3306, DUKE HOSPITAL DURHAM 27710	ID /IM 032 * AC 919 684-3279	GARMON-BROWN, OPHELIA EUGENIA 402 E. SUGARCREEK RD. CHARLOTTE 28213	FP 060 AC 704 535-8245	GAUNT, GEORGE LOREN, JR. 2034 RANDOLPH RD. CHARLOTTE 28207	PTH 060 A AC 704 372-4600
GALLOWAY, JAMES BRUCE GALLOWAY DR. ASHEVILLE 28803	ORS 011 L/RT 704 274-2236	GARNER, JO FRANCIS, II 204 DOCTOR'S DR. BOONE 28607	D 095 P AC 704 264-4553	GAVIGAN, JAMES RICHARD 2 DOCTOR'S PARK GREENVILLE 27834	U 074 A * AC 919 752-5077
GALLOWAY, JAMES HERVEY 2617 ROYSTER ROAD RALEIGH 27608	FP 092 L/RT 919 781-7547	GARRABRANT, EDGAR CORNELIUS 3010 ANDERSON DR. PO BOX 18946 RALEIGH 27619	OTO 092 A * AC 919 787-7171	GAVIGAN, THOMAS JOSEPH 125 BALDWIN AVENUE CHARLOTTE 28204	GE 060 A AC 704 338-6300
GALLOWAY, JAMES MADISON, JR. PO BOX 427 AYDEN 28513	FP 074 AC 919 746-3116	GARRARD, ROBERT LEMLEY 1000 RIDGECREST DR. GREENSBORO 27410	P/N 041 A * L/RT 919 292-0175	GAWOROWSKI, JOANNA MARIA P. HIGHLAND HOSPITAL P. O. BOX 1101 ASHEVILLE 28802	P 011 A AC 704 254-3201
GALLUP, KENNETH RAYNOR, JR. 2825 LYNDHURST AVE., STE. 101 WINSTON-SALEM 27103	PUD /IM 034 A * AC 919 765-0888	GARRETT, CATHERINE GAELYN 42-J STRATFORD HILLS APTS. CHAPEL HILL 27514	032 A S 919 968-8124	GAY, CHARLES HOUSTON 2320 QUEENS ROAD, EAST CHARLOTTE 28207	PD 060 A L/RT 704 333-7479
GALPHIN, CLAUDE MABRY 2905 COLONIAL CIRCLE KINSTON 28501	NEP 054 A AC 919 522-5725	GARRETT, CHARLES LEROY, JR. ONSLow MEMORIAL HOSPITAL JACKSONVILLE 28540	PTH /FOP 067 A P * AC 919 353-3498	GAY, ROBERT MILTON 1200 N. ELM STREET GREENSBORO 27401	PTH /CLP 041 A P AC 919 379-4074
GALUMBECK, MATTHEW ALAN BOX 2883, DUMC DURHAM 27710	032 A S 919 286-1217	GARRETT, JOHN BOSTIAN, JR. 631 COX ROAD GASTONIA 28054	U 036 A AC 704 864-7764	GAYLORD, GREGG M. 115 CARDINAL DR. GREENVILLE 27858	DR 074 A AC 919 752-5000
GALUSZKA, ALBIN ADOLPH 604 E. 12TH STREET WASHINGTON 27889	U 007 A AC 919 946-0136	GARRETT, JOHN BOSTIAN, SR. 2926 MAIN ST. PO BOX 220 WALKERTOWN 27051	FP 034 A AC 919 595-2751	GAZAK, JOHN MICHAEL 1900 RANDOLPH RD. STE. 816 CHARLOTTE 28207	U 060 A AC 704 334-3033
GAMBLE, ELIZABETH RHODES 607 WINSTEAD RD. GREENVILLE 27834	IM /GER 074 * AC 919 756-7901	GARRETT, NORMAN HESSON, JR. 1038 PROFESSIONAL VILLAGE GREENSBORO 27401	IM /END 041 A AC 919 378-9131	GEARING, FRANK WILSON, III 2112 W. NASH ST. WILSON 27893	PD 098 A * AC 919 237-2151
GAMBLE, JOHN REEVES, JR. P. O. BOX 250 LINCOLNTON 28092	GS /GP 055 * AC 704 735-3023	GARRETT, WILLIAM ELWOOD, JR. BOX 3435, DUMC DURHAM 27710	ORS 032 A AC 919 684-6658	GEARY, LEON WALLACE 2609 N. DUKE ST., STE. 504 DURHAM 27704	PUD /A 032 A P * AC 919 471-4466
GAMBLE, WILLIAM HEDRICK 920 CHERRY ST. GREENSBORO 27401	CD /IM 041 A AC 919 273-7900	GARRISON, RALPH BERNARD P. O. BOX 1169 HAMLET 28345	FP 077 A * L/RT 919 582-2140	GEBEL, EMILE LOUIS 1413 N. LAFAYETTE STREET SHELBY 28150	OPH 023 A AC 704 482-6767
GAMMON, WALTER RAY 404 WHITEHEAD CIRCLE CHAPEL HILL 27514	D 032 A AC 919 966-3322	GARRISON, ROBERT LEE 225 HAWTHORNE LANE CHARLOTTE 28204	GS 060 A AC 704 377-1349	GEDDIE, KENNETH BAXTER PO BOX 2007 HIGH POINT 27261	PD 040 A * L/RT 919 882-4171
GANDHI, BRETT R. PO BOX 672 CARRBORO 27510	032 S 919 563-4588	GARRISON, ROBERT WALTER 15 MEDICAL PARK MOREHEAD CITY 28557	U 016 AC 919 247-2101	GEER-BRENTON, LINDA LOU 2700 MEDICAL OFFICE PLACE GOLDSBORO 27530	DR 096 A AC 919 734-1866
GANGOO, ABDUL RASHID 810 W. KING STREET KINGS MOUNTAIN 28086	ID 023 AC 704 739-8946	GARROU, BENJAMIN WESLEY, SR. 560 MALCOLM BLVD. RUTHERFORD COLLEGE 28671	IM /ON 012 AC 704 874-0522	GEGICK, CHARLES GEORGE 1022 PROFESSIONAL VILLAGE GREENSBORO 27401	END /IM 041 AC 919 378-1143
GANICK, DOROTHY J. ECU SCHOOL OF MEDICINE PCMH W288-PEDIATRICS GREENVILLE 27834	PD /PHO 074 A AC 919 757-4676	GARSIDE, WILLIAM BLAKE 1112 DRESSER COURT RALEIGH 27609	PS 092 A AC 919 872-2616	GEHWEILER, JOHN ANDREW, JR. P. O. BOX 231 WAYNESVILLE 28786	R 044 * AC 704 452-1517
GANTT, CHARLES BERNARD, JR. 1606 LORD ASHLEY DR. SANFORD 27330	DR 053 A P AC 919 774-4100	GARTRELL, DOUGLAS MERVYN 714 PARK RIDGE RD. APT. B-7 DURHAM 27713	032 A S 919 489-0477	GELBUD, GREGORY STUART 401 STERLING ST. WINDSOR 27983	FP 008 AC 919 794-3043
GARBER, BRIAN HOWARD 401 MULBERRY ST., SW, STE. 161 LENOIR 28645	GS 000 A R 704 758-5501	GARVEY, ALFRED HAMILTON 200 E. NORTHWOOD ST., STE. 302 GREENSBORO 27401	U 041 A AC 919 275-6115	GELFAND, DAVID WILLIAM 853 BUTTWOOD DRIVE WINSTON-SALEM 27104	R 034 AC 919 748-2481

GELOT, RAGHUVIR BAXIRAM RT. #1, BOX 6-B AHOSKIE 27910	OTO 008 AC 919 332-5917	GILBERT, HENRY TUCKER P. O. BOX 308 HICKORY 28601	DR 018 A AC 704 322-2644	GITT, KENNETH DARYL 708 S. SOUTH STREET MOUNT AIRY 27030	OBG 086 AC 919 786-4522
GENIEC, PAUL P. O. BOX 5666 HIGH POINT 27262	OTO/PS 040 AC 919 885-0071	GILBERT, MICHAEL T. 1134 N. ROAD STREET ELIZABETH CITY 27909	OPH 070 A AC 919 338-0148	GIVENS, DAVIDSON HOWARD 1399 WESTGATE CENTER DR. WINSTON-SALEM 27103	CD/IM 034 P AC 919 768-4261
GENTLING, PETER ALLEN 5-D DOCTOR'S PARK ASHEVILLE 28801	GS 011 A AC 704 252-2457	GILBERT, PAUL PRESSLY 2300-B RANDOLPH ROAD CHARLOTTE 28207	ORS 060 AC 704 375-5955	GIVENS, GEORGE HOWARD, JR. P. O. BOX 308 TAYLORSVILLE 28681	FP 002 A AC 704 632-2270
GENTRY, JOHN BILLY 307 S. POSTON STREET SHELBY 28150	PTH 023 A AC 704 482-0241	GILBERT, RICHARD LESLIE, JR. 1204 ONSLOW DR. GREENSBORO 27408	041 A R 919 758-1862	GLASCO, THOMAS ROBERT 114 N. FAYETTEVILLE STREET LIBERTY 27298	GP 076 AC 919 622-2277
GEORGE, LYNN DARCY PO BOX 304 BLOWING ROCK 28605	AN/FP 095 A P AC 704 295-3633	GILBERT, STANLEY KEITH, JR. 1300 MEDICAL DRIVE FAYETTEVILLE 28304	ORS/HS 026 A AC 919 484-2171	GLASSOW, DOUGLAS MCKAY 2000 WENDOVER RD. CHARLOTTE 28211	IM/GER 060 A L 704 375-5674
GEORGIAD, GREGORY S. BOX 3960, DUMC DURHAM 27710	PS/GS 032 A AC 919 684-3039	GILES, JOHN HENRY 350 E. PARKER ROAD MORGANTON 28655	GS 012 AC 704 437-7388	GLASS, FREDERICK WILLIAM BOWMAN GRAY SCH. OF MED. WINSTON-SALEM 27103	EM/GS 034 A AC 919 748-4626
GEORGIAD, NICHOLAS GEORGE BOX 3098, DUMC DURHAM 27710	PS 032 A AC 919 684-2854	GILGOR, ROBERT SAMUEL 891 WILLOW DRIVE CHAPEL HILL 27514	D 032 A AC 919 942-3106	GLASS, PETER STANLEY A. BOX 3094, DUMC DURHAM 27710	AN 032 A AC 919 684-5045
GERATZ, JOACHIM DIETER UNC, DEPT. OF PTH, BBB 228-H CHAPEL HILL 27514	PTH 032 A AC 919 966-4294	GILL, KENNETH ARNOLD, JR. 624 QUAKER LN, STE. 302, BLDG B HIGH POINT 27262	D/DMP 040 A AC 919 887-3195	GLASSMAN, STUART LEWIS 502 7TH AVE. WEST HENDERSONVILLE 28739	GS/VS 045 AC 704 692-1191
GERBE, RONALD WILLIAM 109 CONNER DR. CHAPEL HILL 27514	OTO/HNS 032 A P AC 919 967-5599	GILL, LOWELL HARLEY 1822 BRUNSWICK AVENUE CHARLOTTE 28207	ORS 060 A AC 704 373-0544	GLASSON, JOHN 2609 N. DUKE ST. DURHAM 27704	ORS 032 A P AC 919 471-8431
GERDES, JOSEPH JOHN 1648 PROVIDENCE RD. CHARLOTTE 28207	DR 013 A AC 704 786-0214	GILLEN, HOWARD WILLIAM 1301 CYPRESS GROVE DR. WILMINGTON 28401	N 065 A P AC 919 762-8501	GLATZ, FRANK ROBERT, JR. 3303 HEALY DR., STE. A WINSTON-SALEM 27103	OTO 034 A P AC 919 768-4866
GEROCK, HENRY 200 DOCTOR'S DRIVE, SUITE M JACKSONVILLE 28540	FP 067 AC 919 353-7600	GILLIAM, CHARLES FRANKLIN 200 ARTHUR DRIVE THOMASVILLE 27360	PD 029 A AC 919 475-2348	GLEATON, HUGH ELBERT, JR. 643 FIFTH AVENUE, WEST HENDERSONVILLE 28739	OPH 045 A AC 704 692-9146
GERRARD, EDWARD ROLLAND 1202 N. CENTER STREET HICKORY 28601	U 018 P AC 704 322-4340	GILLIAM, GEORGIA LEILA 48 HOSPITAL RD. SYLVA MEDICAL CTR. SYLVA 28779	IM 050 A AC 919 286-0411	GLEN, DULANEY 250 CHARLOIS BOULEVARD WINSTON-SALEM 27103	IM 034 A AC 919 768-4730
GESING, BERNARD FRANCIS 10724 PARK ROAD CHARLOTTE 28210	FP 060 A AC 704 542-6577	GILLIAM, JOHN HUGH, III 300 S. HAWTHORNE ROAD BOWMAN GRAY SCH. OF MED WINSTON-SALEM 27103	GE/IM 034 A AC 919 748-4601	GLENN, CHANNING P. O. BOX 278 ELIZABETHTOWN 28337	GP 009 A L/RT 919 862-3721
GESZLER, GERIANNE 5238 N. WILLOWHAVEN DR. DURHAM 27712	OBG 032 A R 919 489-6008	GILLIATT, CECIL LEE, JR., 101 GROVER STREET SHELBY 28150	PD 023 A AC 704 482-1435	GLENN, DAVID LOCKE, JR. 561 FLEMING ST. HENDERSONVILLE 28739	GS 045 AC 704 693-1778
GETTINGER, GLEN SCOTT 211 RIVA RIDGE DR. FAIRVIEW 28730	AN/IM 011 A AC 704 254-1969	GILLIAM, KENDALL ALLEN 109 ROBIN LANE WAYNESVILLE 28786	EM 044 AC 704 456-6021	GLENN, DOROTHY NORMAN ISLAMABAD-ID, DEPT. OF STATE WASHINGTON, DC 20523	OBG 036 A L 703 235-9656
GETZ, DONALD DAVID 1616 MEDICAL CENTER DRIVE WILMINGTON 28401	ORS 065 A AC 919 762-2655	GILMER, PETER WINSTON 2609 N. DUKE ST. DURHAM 27704	ORS 032 A AC 919 471-8431	GLENN, JOHN CAPERS, JR. 514 WOOD STREET TROY 27371	R/NM 062 A AC 919 572-3475
GIANTURCO, DANIEL THOMAS 2925 FRIENDSHIP ROAD DURHAM 27705	P 032 A AC 919 684-4335	GILMORE, BROOKS WEBSTER 342 N. ELM STREET GREENSBORO 27401	IM 041 A P AC 919 274-6373	GLENN, SHELLEY FAYE RT. #1, BOX 69-F WINTERVILLE 28590	074 S
GIBBS, STUART WYNN 2647 ARMSTRONG COURT GASTONIA 28054	R 036 A L/RT 704 865-5883	GILMORE, SAMUEL JOSEPH KINSTON CLINIC, NORTH, STE. E KINSTON 28501	OBG 054 A AC 919 522-4333	GLINSKI, RONALD PETER ROUTE #1, BOX 46A WHITEVILLE 28472	U/PTH 024 A AC 919 642-5832
GIBLIN, JOHN MARTIN F-2 DOCTOR'S PARK APTS. GREENVILLE 27834	074 A S 919 752-8619	GILMOUR, MONROE TAYLOR 1300 BAXTER ST., STE. 163 CHARLOTTE 28204	IM 060 A L/RT 704 375-0287	GLOD, ALBERT PAUL 152 MUIRFIELD DR. WINSTON-SALEM 27104	GS/TS 034 L/RT 919 725-3702
GIBLIN, THOMAS RICHARD 1900 RANDOLPH ROAD, #300 CHARLOTTE 28207	PS 060 A P AC 704 332-4161	GIMESH, JOHN SIGMUND 3415-C MELROSE ROAD FAYETTEVILLE 28304	PD 026 A AC 919 484-8163	GLOVER, JAMES BUNYAN CAROLINA CLINIC WILSON 27893	OBG 098 A AC 919 291-9010
GIBSON, JACKSON V. 423 WOOD STREET TROY 27371	IM 062 AC 919 572-3779	GINN, FRED LEGRAY CAPE FEAR VALLEY HOSPITAL FAYETTEVILLE 28302	PTH 026 A AC 919 323-6149	GLOVER, JOHN SNOW 1851 E. THIRD STREET CHARLOTTE 28204	OBG 060 AC 704 332-8103
GIBSON, JAMES BRUCE 1500 DUKE UNIV. RD., APT. A-2-A DURHAM 27701	032 A S	GINN, THOMAS MOSS 319 MOCKSVILLE AVE. SALISBURY 28144	IM 080 A AC 704 637-3538	GLUGOVER, DONALD BENJAMIN 76 MONTANYA VIEW VALDESE 28690	ORS 012 A AC 704 874-3379
GIBSON, JAMES FRANKLIN 1916 WILKINS DRIVE SANFORD 27330	GS/GP 053 A P AC 919 776-5191	GINN, WILLIAM M., JR. 2800 BLUE RIDGE, STE. 205 RALEIGH 27607	CD/IM 092 AC 919 782-0414	GO, JOAN MAYCHU 4 RIVER BIRCH RD., APT. K DURHAM 27705	032 A S 919 383-7019
GIBSON, JOHN MCNEILL 212 S. TRYON ST., STE. 1500 CHARLOTTE 28201	IM 060 A AC 704 333-6544	GIOANNINI-BROWN, CAROL ANN 5009 N. GLEN DRIVE RALEIGH 27609	PTH 032 A AC 919 470-4000	GOBEL, WILLIAM KENNETH P. O. BOX 1886 ASHEBORO 27203	FP 076 A AC 919 672-0090
GIBSON, ROBERT WYLIE 190 CHARLOIS BOULEVARD WINSTON-SALEM 27103	P/N 034 A AC 919 768-6930	GIOFFRE, RONALD ANTHONY 315 W. WENDOVER AVENUE GREENSBORO 27408	ORS 041 A AC 919 275-0724	GOCKERMAN, JON PAUL DUKE COMP. CARE CTR. P. O. BOX 3877 DURHAM 27710	ON/HEM 032 A AC 919 684-6283
GIFFORD, ALLEN LOTHROP 615-A HIBBARD DR. CHAPEL HILL 27514	032 A S 919 933-5893	GIRAGOS, JOHN G. 20 W. COLONY PLACE APT. 260 DURHAM 27705	P/PYA 032 A AC 919 493-1810	GOCO, ISAIAS ISMAEL 1901 S. HAWTHORNE RD., STE. 220 WINSTON-SALEM 27103	GS/CDS 034 AC 919 768-4710
GILBERT, CHARLES FRANKLIN PITT CO. MEM. HOSP.-LAB. MED. GREENVILLE 27834	PTH 074 A AC 919 551-4495	GISH, LARRY MORGAN 611 MOCKSVILLE AVENUE SALISBURY 28144	IM 080 A AC 704 633-7220	GODBOLD, RONALD LEE 281 MCDOWELL STREET ASHEVILLE 28803	D 011 A AC 704 252-5679
GILBERT, DAVID BRANSON 1756 METROMEDICAL DRIVE FAYETTEVILLE 28304	CD/IM 026 A AC 919 323-1322	GITELMAN, HILLEL JONATHAN N. C. MEMORIAL HOSPITAL CHAPEL HILL 27514	NEP/IM 032 AC 919 966-2561	GODEHN, DONALD JOHN, JR., 506 PARK HILL CT., STE. #1 HENDERSONVILLE 28739	D 045 A AC 704 693-0275

GODWIN, HAROLD LACY 1601-B OWEN DRIVE FAYETTEVILLE 28304	IM 026 A * AC 919 323-1152	GOODMAN, DONALD BRUCE, JR. 6708 ALBEMARLE RD. CHARLOTTE 28212	FP 060 AC 704 536-4903	GRAHAM, CHARLES PATTISON 201 FOREST HILLS DRIVE WILMINGTON 28403	GS 065 A L/RT 919 762-0385
GODWIN, HERMAN ALLEN, JR. 2711 RANDOLPH RD. #100 CHARLOTTE 28207	HEM /IM 060 AC 704 373-0700	GOODNO, CHARLES CHRISTIAN PO BOX 1007 PRINCETON 27569	FP 051 R 919 936-2889	GRAHAM, DAVID ERIC P. O. BOX 459 201 SADIE DR. MATTHEWS 28105	GP /AM 060 AC 704 847-8664
GODWIN, WINSTON YUVAWN, JR. 2300 RANDOLPH RD. CHARLOTTE 28207	GS 060 A P AC 704 376-0327	GOODSON, JOHN PHILLIP 3814 BROWNING PLACE RALEIGH 27609	GS 092 A AC 919 781-0710	GRAHAM, FREDERICK WILLIAM, JR. 375 SUNSET AVE. ASHEBORO 27203	FP 076 A AC 919 625-4215
GOETZL, UGO 1830 HILLANDALE ROAD DURHAM 27705	N/P 032 AC 919 383-5531	GOODSON, PHILLIP RICHARD 1308 DAVIE AVENUE STATESVILLE 28677	OBG 049 P AC 704 873-1436	GRAHAM, GLORIA FLIPPIN 702 BROAD STREET WILSON 27893	D 098 A * AC 919 291-5600
GOFF, DAVID ALBERT 7202 FALLS OF NEUSE RD. RALEIGH 27615	IM /PD 092 A AC 919 848-9911	GOODWIN, BONNIE JEANNE PO BOX 68 POLLOCKSVILLE 28573	IM /ON 025 A AC 919 633-1010	GRAHAM, JOHN BORDEN UNC SCHOOL OF MEDICINE CHAPEL HILL 27514	PTH /HEM 032 L/RT 919 966-4318
GOFF, JACOB BENJ. M., JR. P. O. BOX 1727 STATESVILLE 28677	U 049 AC 704 873-3766	GOODWIN, JAMES OSCAR MEDICAL ARTS BUILDING RUIN CREEK ROAD HENDERSON 27536	OBG 091 A AC 919 492-8576	GRAHAM, JOHN CALHOUN, JR. 106 S. WATER ST. PO BOX 250 ELIZABETH CITY 27909	DR /NM 070 A AC 919 335-2652
GOINS, JAMES ROBERT 210 13TH AVENUE PLACE, NW HICKORY 28601	OBG 018 AC 704 322-3017	GOODWIN, JOEL SEXTON 315 MOCKSVILLE AVENUE SALISBURY 28144	OBG 080 A AC 704 636-9270	GRAHAM, WALTER RALEIGH 743 HEMPSTEAD PLACE CHARLOTTE 28207	OPH 060 A L/RT 704 334-6014
GOLBY, MARY BLUE 904 BROAD STREET DURHAM 27705	IM 032 A AC 919 286-4900	GOODWIN, MARY BURCH 12 OFFICE PARK DR. JACKSONVILLE 28540	PD 067 AC 919 353-6262	GRAHAM, WALTER RALEIGH, JR. RIVERSIDE CLINIC 2005 RIVERSIDE AVE. JACKSONVILLE, FL 32204	D 060 A AC
GOLD, BENJAMIN MILLER 1730 LAFAYETTE CIRCLE ROCKY MOUNT 27801	OBG 064 A RT 919 442-4756	GORDON, JOSEPH GROVER BOWMAN GRAY SCH. OF MED. WINSTON-SALEM 27103	R 034 A RT 919 748-4316	GRAHAM, WILLIAM ALEXANDER 2247 CRANFORD ROAD DURHAM 27706	OBG 032 A L/RT 919 489-5214
GOLDBERG, JOEL STEVEN RT. #1, BOX 2602 HILLSBOROUGH 27278	AN 032 A AC 919 443-2125	GOSS, FREDERICK UHL 611 MOCKSVILLE AVE. SALISBURY 28144	IM 080 A AC 704 633-7220	GRAINGER, WADE KENTON PO BOX 696 SKYLAND 28776	FP 011 A AC 704 684-7801
GOLDBERG, MARC ANDREW BOX 2860, DUMC DURHAM 27710	032 A S 919 383-8675	GOSSETT, ROBERT PETER 1001 N. WASHINGTON ST. SHELBY 28150	U 023 A AC 919 482-2011	GRANGER, RONALD EUGENE 1821 GREEN STREET DURHAM 27705	OBG 032 A AC 919 286-1250
GOLDBERG, TREVOR IAN 1600 E. THIRD STREET CHARLOTTE 28204	OTO 060 A P AC 704 372-3300	GOTTLIEB, JUSTIN L. 3222 COACHMAN'S WAY DURHAM 27705	032 A S 919 489-7372	GRANOVETTER, DAVID ALAN 3831 MERTON DRIVE RALEIGH 27609	RHU /AI 092 A AC 919 781-9633
GOLDMAN, ALAN LAWRENCE 2800 BLUE RIDGE BLVD., STE. 501 RALEIGH 27607	PD 092 AC 919 781-7490	GOTTLIEB, LOUIS NATHAN 631 COLISEUM DRIVE WINSTON-SALEM 27106	OPH 034 A AC 919 723-1041	GRANT, GEORGE REDD, JR. 3101 ESSEX CIRCLE RALEIGH 27608	IM 092 A AC 919 782-2631
GOLDMAN, JAMES OSWALD, JR. PO BOX 1597 SANFORD 27331	EM 053 A AC 919 774-2260	GOTTOVI, DANIEL 1202 MEDICAL CENTER DRIVE WILMINGTON 28401	PUD /IM 065 A * AC 919 341-3300	GRANT, HUGH JUDD, JR. 100 S. BOYLAN AVENUE RALEIGH 27603	OBG 092 A AC 919 832-5529
GOLDNER, JOSEPH LEONARD BOX 3706, DUMC DURHAM 27710	ORS /HS 032 A AC 919 684-2628	GOTTSCALK, BERNARD J. 1202 MEDICAL CENTER DR. WILMINGTON 28401	HEM /ON 065 A AC 919 762-2990	GRANT, JOHN PALMER BOX 3105, DUMC DURHAM 27710	GS /NTR 032 AC 919 684-3314
GOLDNER, RICHARD DOUGLAS BOX 3480, DUMC DURHAM 27710	ORS /HS 032 A AC 919 684-6461	GOTTSCALK, CARL WILLIAM N. C. MEMORIAL HOSPITAL CHAPEL HILL 27514	IM /NEP 032 AC 919 966-4567	GRANT, JOSEPH DURHAM 2701 MEDICAL OFFICE PLACE GOLDSBORO 27530	ORS 096 A AC 919 736-2157
GOLDSTON, WILLIAM ROBERT 2800 BLUE RIDGE BLVD., STE. 207 RALEIGH 27607	OBG 092 AC 919 781-5510	GOTTSCHECH, GREGORY M. 6705 GREENFOREST LN. PFAFFTOWN 27040	IM /A 034 A R 919 748-2511	GRANT, TERRY ALAN 2905-A CEDAR CREEK RD. GREENVILLE 27834	074 A S 919 758-6820
GOLMBE, BARRY LOUIS 1350 S. KINGS DRIVE CHARLOTTE 28207	PD /PHO 060 AC 704 372-8750	GOTTSEGEN, DANIEL LEO 200 E. NORTHWOOD ST., STE. 216 GREENSBORO 27401	OBG 041 A AC 919 275-5391	GRANT, WILLIS JACKSON, III 250 CHARLOIS BLVD. WINSTON-SALEM 27103	P 034 A AC 919 768-4730
GOLEY, ALEXANDER FAIRLEY 1509 VAUGHN ROAD BURLINGTON 27215	IM 001 AC 919 228-6000	GOUBRAN, MICHEL 104 BELLE ST. OXFORD 27565	OBG /END 039 A P AC 919 693-2131	GRAVATT, BENJAMIN THOMAS 202 DOCTOR'S BUILDING ASHEVILLE 28801	AN 011 A AC 704 254-1969
GOLLBERG, HAROLD RONALD 445 BILTMORE CENTER, STE. 304 ASHEVILLE 28801	P/GER 011 * AC 704 252-1421	GOUGH, WILLIAM, III 445 BILTMORE CENTER, STE. 306 ASHEVILLE 28801	RHU /IM 011 AC 704 258-9533	GRAVES, JOHN W. 300 S. HAWTHORNE RD. WINSTON-SALEM 27103	NEP /IM 034 A AC 919 748-4593
GOMEZ, RAUL FERNANDO P. O. BOX 40237 FAYETTEVILLE 28304	P 026 AC 919 484-9634	GOULSON, DAN T. C-1 FENWAY COURT CARRBORO 27510	032 A S 919 920-2128	GRAY, GLENN PAGE 1205 CLOVER STREET WINSTON-SALEM 27101	AN 034 A * AC 919 748-4498
GONZALEZ, JORGE JOSE 2131 S. 17TH STREET WILMINGTON 28401	IM /END 065 AC 919 343-0161	GOWEN, CLARENCE WM., JR. ECU SCHOOL OF MEDICINE GREENVILLE 27834	PD /NPM 074 AC 919 551-4812	GRAY, CHARMAINE D. PO BOX 238 HOOKERTOWN 28538	PD 074 AC 919 747-2817
GOODE, DAVID JOHN BOWMAN GRAY, DEPT. OF PSY. WINSTON-SALEM 27103	P 034 AC 919 748-4142	GOWEN, MARILYN ALLEY ECU, DEPT. OF PEDIATRICS GREENVILLE 27858	PD /PDA 074 A AC 919 551-4772	GRAY, CRAIGAN LUTHER 143 ASHELAND AVENUE ASHEVILLE 28801	OBG 011 A AC 704 258-9191
GOODE, THOMAS VANCE, III P. O. BOX 1068 STATESVILLE 28677	GS 049 A AC 704 873-7253	GOWER, DAVID JOHN N. C. BAPTIST HOSPITAL WINSTON-SALEM 27103	NS 034 R 919 748-4038	GRAY, CYRUS LEIGHTON P. O. BOX 5007 HIGH POINT 27262	R 040 A L 919 887-1955
GOODEN, MICHAEL DEAN 2400 WAYNE MEM. DR., STE. K GOLDSBORO 27530	OBG 096 A AC 919 734-3344	GOWER, VERLIA COLE 918 MADISON AVENUE WINSTON-SALEM 27103	034 A S 919 723-8602	GRAY, DAVID M. 732 E. PARK AVENUE CHARLOTTE 28203	EM 060 AC 704 372-7544
GOODFIELD, PETER 510 7TH AVENUE, WEST HENDERSONVILLE 28739	CD 045 A AC 704 692-2231	GRADY, RICHARD DWIGHT P. O. BOX 2406 707 PROFESSIONAL DR. NEW BERN 28560	OTO /HNS 025 A AC 919 638-2666	GRAY, MARY JANE UNC STUDENT HEALTH SERVICE CHAPEL HILL 27514	OBG 032 AC 919 966-2281
GOODHALL-GUNN, PATRICIA PO BOX 983 NEW BERN 28560	AN 025 A AC 919 633-6117	GRAEB, CHARLES M., JR. 2021 LA DORA DR. HIGH POINT 27260	EM 040 A AC 919 884-6009	GRAY, PATRICK HAMPTON 302 GLASGOW LANE GREENVILLE 27834	OBG 074 A R 919 551-4100
GOODIN, THOMAS ELLIOTT, III 610 FAIRGROVE CHURCH RD. HICKORY 28610	AN 018 A P AC 704 322-0870	GRAFF, LOUIS GEORGE 2306 ROLLING HILL FAYETTEVILLE 28304	AN 026 A P AC 919 323-6061	GRAY, ROBERTA SKINNER ECU DEPT. OF PEDIATRICS GREENVILLE 27834	PNP 074 A AC 919 551-4963
GOODMAN, BENJAMIN WARREN 24 SECOND AVENUE, N. E. HICKORY 28601	FP 018 A * AC 704 328-2231				

GRAY, TIMOTHY KENNEY UNC, DEPT. OF MEDICINE CHAPEL HILL 27514	END /IM 032 AC 919 966-3336	GREGG, CHARLES ELI 108 BALLY HO DR. LEWISVILLE 27023	AN 034 A P AC 919 748-4791	GRIGG, CLAUD MCNEILL 217 TRAVIS AVENUE CHARLOTTE 28204	IM /CD 060 A AC 704 372-3350
GREASON, FRANCES CRAWFORD 106 SCALES PL. M-2 GREENVILLE 27834	A S 074	GREGORY, GLADYS REGINA L-13 DOCTORS PARK APTS. GREENVILLE 27834	A S 919 758-5954	GRIGGS, BOYCE POWELL 334 W. SYCAMORE STREET LINCOLNTON 28092	FP 055 AC 704 735-5151
GRECO, PETER PAUL P. O. BOX 2908 1914 NEUSE BLVD. NEW BERN 28561	D 025 AC 919 633-1817	GREGORY, HUGH STANLEY NORTHWOODS PROF. PLZ. JACKSONVILLE 28540	OTO 067 A AC 919 455-4847	GRIGGS, JAMES PHILIP, JR. P. O. BOX 172 WINTERVILLE 28590	A S 919 756-9608
GREEN, ARTHUR GERRISH, III 1511 WESTOVER TERRACE GREENSBORO 27408	IM /FP 041 AC 919 373-1184	GREGORY, JERRY GLEN ECU, DEPT. OF PSYCHIATRY GREENVILLE 27858	P 074 A AC 919 551-2660	GRIGGS, THOMAS RUSSELL UNC, DEPT. OF MED. & PTH CHAPEL HILL 27514	CD /IM 032 AC 919 966-5207
GREEN, EDWIN JAY 1317 N. ELM ST. STE. #2 GREENSBORO 27401	IM 041 AC 919 373-1676	GREGORY, WILLIAM LYON 2405 LOWELL ROAD GASTONIA 28052	GP 036 AC 704 865-8134	GRIGSBY, HARDIN BLAND P. O. BOX 310 CONOVER 28613	AC 704 328-8146
GREEN, FRANCIS WEATHERLY 1009 N. 6TH ST. ALBEMARLE 28001	IM 084 A P AC 704 982-8169	GREIG, JOHN HAMILTON 4401 COLWICK ROAD #702 CHARLOTTE 28211	AN 060 AC 704 366-9408	GRIM, KENNETH BOYD 124 FIRST ST. NW LONG BEACH 28461	PTH /CLP 032 A L/R 919 278-9424
GREEN, HAROLD D. 3619 DEWSBURY ROAD WINSTON-SALEM 27104	CD 034 A L/RT 919 765-5078	GREISS, FRANK CHRISTIAN, JR. BOWMAN GRAY SCH. OF MED. WINSTON-SALEM 27103	OBG 034 A AC 919 748-4039	GRIMES, JOHN HARLIN 2609 N. DUKE ST., STE. 302 DURHAM 27704	U 032 A AC 919 471-8423
GREEN, JAMES PRESTON 176 BECKFORD DRIVE HENDERSON 27536	FP 091 A AC 919 492-2161	GREVIOUS, STEPHEN SCOTT 1641-P NORTHWEST BLVD. WINSTON-SALEM 27104	034 A S 919 724-4541	GRIMM, RUBY ANN 738 BRYANT ST. STATESVILLE 28677	ON /HEM 049 A P AC 704 873-2219
GREEN, JULIUS ALPHEUS, JR. P. O. BOX 19366 RALEIGH 27609	R 092 A AC 919 787-8221	GREWAL, SATPAL KAUR CRAVEN COUNTY HOSPITAL PO BOX 5117 NEW BERN 28560	TR 025 AC 919 633-8730	GRIMMETT, MATTHEW HILL 829 SHORELINE DRIVE, WEST SUNSET BEACH 28459	R/PD 010 L/RT 919 579-2091
GREEN, KENNETH ERIC 4 BRENTWOOD LANE, SE HICKORY 28602	GP 018 AC 704 294-1116	GRICE, ORMOND DREW 800 HOSPITAL DR. STE. #6 NEW BERN 28560	GS 025 AC 919 633-3557	GRIMSON, BAIRD SANFORD UNC, 617 CLINICAL SCI. 229-H CHAPEL HILL 27514	OPH 032 A AC 919 966-5296
GREEN, PAUL, JR. 315 G MOCKSVILLE AVE. SALISBURY 28144	GYN 080 A AC 704 636-9270	GRIER, JOHN CALVIN, JR. P. O. BOX 819 PINEHURST 28374	P 063 A L 919 295-6166	GRIMSON, KEITH SANFORD 3313 DEVON ROAD DURHAM 27707	GS 032 A L/RT 919 489-2241
GREEN, RAY LYMAN 1216 DAVIE AVE. STATESVILLE 28677	OBG 049 AC 704 873-1436	GRIER, MICHAEL WILLIAM 30 CHOCTAW STREET ASHEVILLE 28801	GE /IM 011 A AC 704 254-0881	GRINE, WILLIAM BARK 1704 TARBORO STREET WILSON 27893	U 098 A AC 919 291-7001
GREEN, ROBERT LEE, JR. FALSTAFF ROAD HOLLY HILL HOSPITAL RALEIGH 27610	P/N 032 AC 919 755-1840	GRIER, RAYMOND EDWARD 4406 WILD OAK LN. GREENSBORO 27406	AN 041 AC 919 275-9741	GRISHAM, JOE WHEELER UNC, DEPT. OF PTH-228H CHAPEL HILL 27514	PTH /GE 032 A AC 919 966-4678
GREEN, ROBERT LORENZA 3155 MAPLEWOOD AVENUE WINSTON-SALEM 27103	R 034 A AC 919 773-3873	GRIFFIN, ADRIAN MARK PO BOX 1623 913 WORTH ST. MOUNT AIRY 27030	EM /P 086 A AC 919 786-2001	GRISTINA, ANTHONY GEORGE 300 S. HAWTHORNE RD. WINSTON-SALEM 27103	ORS 034 A AC 919 748-3952
GREENBERG, WILLIAM ROGER P. O. BOX 2188 MONROE 28110	AN 090 A P AC 704 289-3247	GRIFFIN, ASHTON THOMAS, III 2400 WAYNE MEMORIAL DRIVE GOLDSBORO 27530	FP 096 A AC 919 735-8601	GRIVAS, NICHOLAS ELLSWORTH 1928 RANDOLPH RD. STE. 100 CHARLOTTE 28207	NS 060 A AC 704 377-9312
GREENE, ELEANOR ELAINE W. 701 SHAMROCK ROAD HIGH POINT 27260	OBG 040 A AC 919 885-0149	GRIFFIN, EZRA DANIEL, JR. 449 N. WENDOVER ROAD CHARLOTTE 28211	OBG 060 A AC 704 364-3760	GROAT, RICHARD ARNOLD 1321 N. ELM STREET GREENSBORO 27401	PTH 041 AC 919 274-9005
GREENE, JOSEPH ELMO 303 OLD HIGHWAY 74 MARSHVILLE 28103	GP /OM 090 A AC 704 624-2125	GRIFFIN, HAROLD WALKER 1610 10TH ST. DR. NW HICKORY 28601	OPH 018 A L/RT 704 327-8526	GROAT, ROBERT LANIER 1317 N. ELM ST., STE. #4 GREENSBORO 27103	OPH 041 AC 919 378-1442
GREENE, PHILLIP 603 E. ROOSEVELT BLVD. MONROE 28110	GP 090 A P AC 704 283-8193	GRIFFIN, JOSEPH LAIRD P. O. BOX 2640 LENOIR 28645	OBG 014 A AC 704 758-2300	GROBEN, PAMELA ANNE 327 GRAHAM-HOPEDALE RD. BURLINGTON 27215	PTH 001 AC 919 228-1371
GREENE, RALPH LEON, JR. 3535 RANDOLPH ROAD CHARLOTTE 28211	IM 060 A AC 704 365-0760	GRIFFIN, MARION WILSON 205 E. ACADEMY ST. ASHEBORO 27203	GS /TS 076 A AC 919 625-6188	GROCE, JAMES GRAY 508 RALPH DR. CARY 27511	P 092 AC 919 733-5540
GREENE, ROBERT HADLEY 2001 OAKLAWN AVENUE CHARLOTTE 28216	FP 060 A RT 704 332-7506	GRIFFIN, RICHARD MADISON 27 13TH AVENUE, N.E. HICKORY 28601	OPH 018 A P AC 704 322-6040	GRODE, HARVEY E. WILSON CLINIC WILSON 27893	IM /ON 098 A AC 919 291-7001
GREENE, WALTER BLAIR UNC, 237 BURNETT-WOMACK CHAPEL HILL 27514	ORS 032 A AC 919 966-3691	GRIFFIN, ROBERT ASHLEY APPALACHIAN HALL, BOX 5534 ASHEVILLE 28813	P/N 011 A AC 704 253-3681	GRODE, MICHAEL JAMES 149 PROVIDENCE ROAD CHARLOTTE 28207	PD 060 AC 704 372-6525
GREENFIELD, JOS. C., JR. BOX 3246, DUMC DURHAM 27710	IM /CD 032 AC 919 681-6147	GRIFFIN, STEPHANIE D. RT. 1, BOX 260 MACCLESFIELD 27852	074 A S 919 827-5567	GROLNICK, CAROL ANN 2007-B E. 4TH ST. GREENVILLE 27834	074 A S 919 758-5227
GREENHOOT, JERRY HARVEY 1010 EDGEHILL ROAD NORTH CHARLOTTE 28207	NS 060 A AC 704 376-1605	GRIFFIN, THOMAS LAFAYETTE 1700 S. TARBORO ST. WILSON 27893	U 098 A AC 919 291-1300	GROMET, MATTHEW 3535 RANDOLPH ROAD CHARLOTTE 28211	DR 060 AC 704 365-0343
GREENMAN, MAXWELL 309 S. LAUREL AVENUE CHARLOTTE 28207	OPH 060 A AC 704 372-4380	GRIFFIN, THOMAS RAY P. O. BOX 328 TROUTMAN 28166	FP 049 AC 704 528-4588	GROOVER, CALTON DOUGLAS P. O. BOX 32861 CHARLOTTE 28232	PTH 060 AC 704 331-3227
GREENWOOD, JAMES BROOKS, JR. PO BOX 18248 4101 CENTRAL AVE. CHARLOTTE 28218	FP 060 A P AC 704 537-0020	GRIFFIN, WILLIAM RAY, JR. 30 HILLTOP ROAD ASHEVILLE 28803	P/N 011 A AC 704 253-3681	GROSECLOSE, JAMES DAVID 124 COMMERCE SQUARE RANDLEMAN 27317	GP 076 A AC 919 498-2505
GREENWOOD, ROBERT SAMUEL UNC, 751 CLINICAL SCI. 229-H CHAPEL HILL 27514	CHN /PD 032 A AC 919 966-2528	GRIFFIN, WILLIAM RUSSELL, JR. 3535 RANDOLPH ROAD, STE. 103 CHARLOTTE 28211	ORS 060 A AC 704 365-2111	GROSS, ANDREW HARRY 71 HOFSTRA DR. PLAINVIEW, NY 11803	AN 092 AC 919 872-5330
GREER, THOMAS BYWATER P. O. BOX 18568 RALEIGH 27619	OBG 092 A AC 919 782-1273	GRIFFITH, MARY IRENE 515 S. HAWTHORNE RD. WINSTON-SALEM 27103	GYN 034 A L/RT 919 724-7321	GROSS, JEFFREY LOUIS 128 MEMORIAL DRIVE JACKSONVILLE 28540	ORS 067 A P AC 919 353-4500
GREGANTI, MAC ANDREW UNC, DEPT. OF IM CHAPEL HILL 27514	IM 032 AC 919 966-2276	GRIFFITHS, MARIAN FOLSOM ROUTE #8, BOX 65 CHAPEL HILL 27514	032 A R 919 942-2945	GROSSHANDLER, STANLEY LOUIS 1108 DRESSER CT. RALEIGH 27609	AN 092 AC 919 872-5330
				GROSSMAN, HERMAN LEWIS BOX 3834, DUMC DURHAM 27710	PDR /PD 032 AC 919 681-2711

GROSSMAN, SARAH RONA 1608-K NORTHWEST BLVD. WINSTON-SALEM 27103	034 A * S 919 723-3868	GUSDON, JOHN PAUL, JR. 3240 NOTTINGHAM ROAD WINSTON-SALEM 27104	OBG 034 AC 919 748-4039	HAINES, RICHARD LITTLETON HIGHWAY 17, P. O. BOX 565 HAMPSTEAD 28443	IM /GP 065 AC 919 270-3561
GROSSNICKLE, MARK EARL 3603 CRYSTAL COURT DURHAM 27705	032 A S 919 477-8535	GUSTKE, SUSAN SHAW 4100 STRANAVER PLACE RALEIGH 27612	IM /HEM 092 A * AC 919 733-5431	HAIR, GLENN EDGAR 3314 MELROSE ROAD FAYETTEVILLE 28304	OT /OTO 026 A AC 919 323-1463
GROVE, DAVID DWIGHT 1511 WESTOVER TERRACE GREENSBORO 27408	IM 041 AC 919 373-1184	GUTAI, JAMES PAUL 3901 BEAUBIEN BLVD. CHILDRENS HOSP. OF MICHIGAN DETROIT, MI 48201	PDE /PD 074 AC 313 745-5531	HAIRFIELD, THEODORE VINCENT 328 MULBERRY ST., SW LENOIR 28645	GP 014 AC 704 754-3329
GROVES, ROBERT BLAINE RT. #1, BOX 275-B PURLEAR 28665	R 097 AC 919 651-8100	GUTMAN, ROBERT ALLAN 2609 N. DUKE ST., STE. 604 DURHAM 27704	NEP /IM 032 A P AC 919 477-3005	HAISTY, WESLEY KENNETH, JR. 300 S. HAWTHORNE ROAD WINSTON-SALEM 27103	CD /IM 034 A AC 919 748-4673
GROVES, ROBERT BURWELL, JR. 902 COX ROAD, SUITE F GASTONIA 28052	OBG 036 A AC 704 867-1549	GUTTIER, SANFORD DENNIS 1 TRADE STREET GRANITE FALLS 28630	FP 018 AC 704 396-3136	HAITHCOCK, WILLIAM DANA, JR. 1219 WALTER REED ROAD FAYETTEVILLE 28304	OBG 026 A AC 919 323-2103
GRUBB, STEPHEN ALLEN 110 S. ESTES DR. CHAPEL HILL 27514	ORS 032 A P AC 919 929-7796	GUY, CLIFFORD RICHARD 250 CHARLOIS BOULEVARD WINSTON-SALEM 27103	CD /IM 034 A * AC 919 768-4730	HAIZLIP, THOMAS MATTHEWS 5201 REMBERT DRIVE RALEIGH 27612	CHP /P 092 AC 919 733-5344
GRUBB, STEPHEN DALE PIREWAY RD. PO BOX 675 TABOR CITY 28463	FP 024 A P AC 919 653-2113	GWYN, PAUL PERKINS, JR. 2901 MAPLEWOOD AVENUE WINSTON-SALEM 27103	PS /GS 034 A * AC 919 765-8620	HAJISHEIKH, MOOSA P. O. BOX 1537 ROCKINGHAM 28379	CD /IM 077 A AC 919 997-3177
GRUBB, WALTER LEE, JR. 3535 RANDOLPH RD. STE. 102 CHARLOTTE 28211	DR 060 A AC 704 365-0343	GWYNN, THOMAS LEA P. O. BOX 340 YANCEYVILLE 27379	GP 001 A AC 919 694-6311	HALE, JOHN CHARLES 10 DOCTOR'S PARK GREENVILLE 27834	GS /CDS 074 A P AC 919 758-1747
GRUHN, WILLIAM BRYANT 1350 S. KINGS DRIVE CHARLOTTE 28207	IM /RHU 060 AC 704 372-5750	GWYNN, JOHN THOMAS 234 HUNTINGTON DRIVE CHAPEL HILL 27514	END 032 AC 919 966-3338	HALE, LAURA POPE 6512 CRAIG ROAD DURHAM 27712	032 A S 919 471-0865
GUAJARDO, CESAR 20 W. COLONY PL., STE. 160 DURHAM 27705	PYA /P 032 AC 919 383-6933	GYVES, JOHN WILLIAM ECU DEPT. OF MEDICINE BRODY BLDG. MOYE BLVD. GREENVILLE 27834	IM /ON 074 A AC 919 551-2554	HALE, LESLIE MORGAN 110 CONNER DR. STE. #2 CHAPEL HILL 27514	OPH 032 A AC 919 942-8701
GUALTIERI, CAMILLO THOMAS UNC, DEPT. OF PSYCHIATRY CHAPEL HILL 27514	P/CHP 032 A AC 919 966-5161	HA, KHIE SEM 229 S. MAIN STREET RED SPRINGS 28377	FP 078 AC 919 843-4117	HALE, ROBERT VERNON 110 CONNER DR. STE. #2 CHAPEL HILL 27514	OPH 032 A AC 919 942-8701
GUARINO, GUY JOSEPH ROUTE #2, BOX 197 CONOVER 28613	PTH 018 A AC 704 322-3821	HAAK, EDWARD DECKER, JR. 208 FOUST ST. P. O. BOX 2839 ASHEBORO 27203	IM /CD 076 A P AC 919 625-4020	HALE, WAYNE A. 1125 N. CHURCH ST. GREENSBORO 27401	FP 041 A AC 919 379-3582
GUERRA, MARC FRANCIS 912 CONNELLY SPRINGS RD. LENOIR 28645	FP 014 AC 704 728-8224	HAAKENSON, GARY ALVIN 3126 BLUE RIDGE RD. RALEIGH 27606	OBG 092 P AC 919 782-3865	HALL, BAHNSON DAVID 315 MOCKSVILLE AVENUE SALISBURY 28144	OBG 080 A AC 704 636-9270
GUEST, CHRIS WARREN 102 POMONA DRIVE GREENSBORO 27407	IM /GP 041 A AC 919 299-0000	HAAR, FREDERICK BEHREND 610 S. OAK STREET GREENVILLE 27834	PD 074 A L 919 752-2039	HALL, BRENT DWAYNE DOCTOR'S PARK APTS, #P-7 GREENVILLE 27834	A S 919 752-7222
GUILFORD, WILLIAM BONNER 3535 RANDOLPH RD., STE. 102 CHARLOTTE 28211	DR 060 AC 704 338-2274	HAAS, ALI EKREM 6 BLUEBERRY HILL PITTSBORO 27312	GS 032 R 919 966-4131	HALL, BRUCE LEE #9 GEORGETOWN CT. DURHAM 27705	032 A S 919 684-6469
GUIERAS, GEORGE PATRICK 110 S. ESTES DR., SUITE 205 CHAPEL HILL 27514	FP 032 AC 919 967-8291	HABEL, DAVID CHRISTOPHER 306 BRIAR BRIDGE VALLEY CHAPEL HILL 27514	032 A S 919 933-8109	HALL, CHARLES DANIEL 4800 UNIVERSITY DR. 5-B BEECH LAKE APTS. DURHAM 27707	032 A S 919 493-0448
GULLEDGE, SIDNEY LOY, III 3400 EXECUTIVE DR., STE. 101 RALEIGH 27609	OPH 092 A P * AC 919 878-0220	HABERKERN, ROY CONRAD 300 S. HAWTHORNE RD. WINSTON-SALEM 27103	CHP 034 AC 919 748-4220	HALL, COLIN DAVID UNC, DEPT. OF NEUROLOGY CHAPEL HILL 27514	N 032 A AC 919 966-5522
GULLEY, MARCUS MARCELLUS DEPARTMENT OF PSYCHIATRY WINSTON-SALEM 27103	P 034 A AC 919 748-4554	HACKLANDER, SHELLEY W. PO BOX 427 MARS HILL 28754	034 A * S 704 689-4238	HALL, DANIEL CRAWFORD 809 LONG DRIVE ROCKINGHAM 28379	FP 077 AC 919 895-9075
GULLEY, PAUL HUDSON 180-B PARKWOOD DR. ELKIN 28621	IM /END 086 A AC 919 748-2011	HADDAD, MICHEL GEORGE 300 S. HAWTHORNE RD. BOX 487 WINSTON-SALEM 27103	034 A S 919 723-7442	HALL, DONALD GAMMON 1960 RANDOLPH ROAD CHARLOTTE 28207	CD 060 AC 704 373-1503
GULYN, ANNA BAUHOFFER 117 PINETREE ROAD SALISBURY 28144	GP 080 P AC 704 636-2351	HADLER, NORTIN MARVIN UNC, DEPT. OF MEDICINE CHAPEL HILL 27514	RHU /IM 032 AC 919 966-4191	HALL, GREGORY GRAYSON 2144 ECHO LANE WILMINGTON 28403	AN 065 AC 704 331-3149
GULYN, BOHDAN EMANUEL 117 PINETREE ROAD SALISBURY 28144	P/GP 080 A RT 704 633-7770	HADLEY, ROBERT PURCELL P. O. BOX 1328 WASHINGTON 27889	PTH 007 A AC 919 946-9074	HALL, JAMES BRYAN CHARLOTTE MEMORIAL HOSPITAL A P. O. BOX 32861 CHARLOTTE 28232	OBG /ON 060 AC 704 331-3149
GUNN, CHARLES GROSHON, JR. SARA LEE CORPORATION WINSTON HEADQUARTERS, BOX 2760 WINSTON-SALEM 27102	OM /IM 034 A AC 919 744-3708	HAGA, EDWARD WAYNE 804 FORBES ST. GREENVILLE 27834	074 A S 919 752-5190	HALL, JAMES GRAYSON P. O. BOX 158 DOBSON 27017	FP 086 A P * AC 919 386-8270
GUNNELLS, JAMES CAULIE BOX 2991, DUMC DURHAM 27710	NEP /IM 032 A AC 919 684-5038	HAGAMAN, LEN DOUGHTON 8 DOCTOR'S DR. BOONE 28607	GP 095 AC 704 264-3923	HALL, JAMES SAMUEL 3415-C MELROSE ROAD FAYETTEVILLE 28304	PD 026 A AC 919 484-8163
GUNTER, JUNE U. 1411 N. MANGUM STREET DURHAM 27701	PTH 032 A L/RT 919 688-3457	HAGINS, DAVID MICHAEL KINSTON CLINIC NORTH KINSTON 28501	OBG 054 AC 919 522-4333	HALL, JOHN HOWLAND 1100 OLIVE STREET GREENSBORO 27401	D 041 A AC 919 272-3152
GUNTER, WM. B., JR. 1821 GREEN ST. DURHAM 27705	OBG 032 A AC 919 286-1258	HAHN, MICHAEL WAYNE 801 MCCARTHY BLVD. NEW BERN 28560	OBG 025 AC 919 633-3942	HALL, JOHN HOWLAND, JR. 300 S. HAWTHORNE RD. BOX 122 WINSTON-SALEM 27103	034 A * S 919 724-4639
GUNTHER, ROBERT CLARENCE 25 LAWRENCE PLACE ASHEVILLE 28801	AN 011 A AC 704 252-1016	HAHNER, MATTHEW 407 S. GREENE ST. WADESBORO 28170	GS 004 A P AC 704 694-4193	HALL, JOHN MOIR 357 IVY CIRCLE ELKIN 28621	GP 086 A L/RT 919 835-4534
GUPTA, GOOL KAPADIA 2704 MEDICAL OFFICE PLACE GOLDSBORO 27530	PUD /IM 096 AC 919 736-4724	HAINER, BARRY LEWIS 602 QUEEN ANNE'S ROAD GREENVILLE 27834	FP 074 * AC 919 551-4164	HALL, JOSEPH CULLEN 305 STUART DRIVE SALISBURY 28144	OBG 080 A P L/RT 704 633-9508
GUPTA, JAGMOHAN DASS 2704 MEDICAL OFFICE PLACE GOLDSBORO 27530	CD /IM 096 AC 919 736-4724	HAINES, CARROLL FOGG, JR. 515 THOMPSON ST., STE. A EDEN 27288	OPH 079 A P AC 919 627-5271	HALL, KENNETH DALAND BOX 3094, DUMC DURHAM 27710	AN 032 A AC 919 684-3591

HALL, LOCKSLEY S. L.C. HOOTS MEMORIAL HOSPITAL YADKINVILLE 27055	GS 086 A AC 919 679-2041	HAMRICK, JOHN CARL P. O. BOX 668 SHELBY 28150	GS 023 A L 704 487-5132	HARDIE, GREGORY STEVEN 408 FORSYTH MEDICAL PK WINSTON-SALEM 27103	AN 034 A AC 919 768-7680
HALL, WARNER LEANDER, JR. P. O. BOX 18568 RALEIGH 27619	OBG 092 A AC 919 782-1273	HAMRICK, JOHN CARL, JR. 110 W. GROVER STREET SHELBY 28150	ORS 023 A AC 704 487-1177	HARDIN, JAMES BENFORD 206 W. 28TH STREET LUMBERTON 28358	FP 078 AC 919 739-8164
HALL, WILLIAM ERNEST 611 WICKER STREET SANFORD 27330	FP 053 AC 919 774-6023	HAMRICK, LADD WATTS, JR. 68 LAKE CONCORD ROAD, N.E. CONCORD 28025	IM /NM 013 A AC 704 782-3135	HARDING, ROBERT WILLIAM NORRIS-BIGGS CLINIC RUTHERFORDTON 28139	IM 081 AC
HALL, WILLIAM JAMES, JR. P. O. BOX 2406 NEW BERN 28560	OTO 025 A AC 919 638-2666	HAMSTEAD, STEVEN LYNN 112 FLETCHER PL. GREENVILLE 27834	IM 074 A R 919 830-1512	HARDISON, CYNTHIA STOLTZE 1212 CEDARHURST DR. RALEIGH 27609	IM 092 AC 919 872-4850
HALPERIN, EDWARD CHARLES BOX 3085, DUMC DURHAM 27710	TR 032 AC 919 684-3196	HAN, GWANG SOO 19 CENTRAL STREET SYLVA 28779	OBG 050 A AC 704 586-4096	HARDISON, JOE WILLIAM 1320 MEDICAL DRIVE FAYETTEVILLE 28304	OBG /GE 026 A AC 919 323-3301
HALPERN, EMILY ALYSSA 304 CEDARWOOD LN. CARRBORO 27510	032 A S 919 933-9037	HANCOCK, GEORGE MARVIN 401 MULBERRY ST. SW, STE. 101 LENOIR 28645	GS 014 A AC 704 758-5501	HARDISON, JOSEPH H., JR. 1212 CEDARHURST DR. RALEIGH 27609	IM /GE 092 AC 919 872-4850
HALVORSEN, ROBERT ALFRED, JR. UNIV. OF MINNESOTA, BOX 292 DEPT. OF RADIOLOGY MINNEAPOLIS, MN 55455	DR 032 A AC 919 286-0411	HANCOCK, MILLIE PITTS 221 - 13TH AVENUE PLACE, N.W. HICKORY 28601	A PD 018 A AC 704 322-1275	HARDISON, LEWIS BENJAMIN P. O. BOX 64369 FAYETTEVILLE 28306	FP 026 AC 919 323-0085
HAMBRIGHT, RUFUS ROBERTS 1309 N. ELM STREET GREENSBORO 27401	GYN 041 A AC 919 273-2563	HANCOCK, RICHARD PAUL 702 TILGHMAN DR. DUNN 28334	GS /TS 043 A AC 919 892-8120	HARDISON, MITCHELL DALE BRENTWOOD MEDICAL CENTER WILSON 27893	IM 098 A AC 919 291-7001
HAMBY, GEORGE WALTERS DOCTOR'S BUILDING, WILLOW DR. CHAPEL HILL 27514	P 032 AC 919 929-6155	HANCOCK, WILLIAM FRANKLIN, JR. 1303 W. DAVIS ST. BURLINGTON 27215	PTH 001 A P AC 919 226-0196	HARDMAN, EDWARD FRANCIS 1000 HUNTINGTON PARK DRIVE CHARLOTTE 28211	GYN /OBS 060 A L/RT 704 366-1962
HAMBY, JAMES LAWRENCE WATAUGA MED. ARTS. BLDG. BOONE 28607	U 095 A P AC 704 264-5150	HAND, LEROY CORBETT, JR. ROUTE #1, BOX 490 CAMDEN 27921	LRT 070 AC 919 335-0531	HARDY, IRA MAY, II 125 MOYE BOULEVARD GREENVILLE 27834	NS 074 A AC 919 752-5156
HAMER, ALFRED WILSON, JR. 2203 S. STERLING ST., STE. 132 MORGANTON 28655	OBG 012 AC 704 437-6122	HANNA, DONALD PAUL PO BOX 3066 DURHAM 27705	PS 032 AC 919 383-7975	HARDY, JAMES JOSEPH DEPT. OF OB/GYN N. C. MEMORIAL HOSPITAL CHAPEL HILL 27514	032 A R 919 942-7438
HAMER, EUGENE FLOYD P. O. BOX 608 MONROE 28110	GP 090 A P L 704 283-1553	HANNA, RICHARD TINSLEY 6900 FARMINGDALE DRIVE CHARLOTTE 28212	FP /HYP 060 A AC 704 536-1362	HARDY, JOHN GREGG 425 STANTONSBURG ROAD GREENVILLE 27834	N 074 A AC 919 752-4848
HAMIL, SHARON SWEDE OLD U. S. HIGHWAY 70 BLACK MOUNTAIN 28711	011 AC 704 669-5478	HANNAH, FRANK THOMAS 313 S. WASHINGTON STREET SHELBY 28150	OPH 023 A P AC 704 482-0696	HARDY, WINFIELD P. O. BOX 696 SKYLAND 28776	FP 011 AC 704 684-7801
HAMILTON, BUFORD LINDSAY, JR. P. O. BOX 8 STONY POINT 28678	FP /GP 049 A AC 704 585-2953	HANRAHAN, LEO ROBERT, JR. ECU SCHOOL OF MEDICINE DEPT. OF PATHOLOGY GREENVILLE 27834	PTH /BLB 074 A AC 919 551-2806	HARE, RANSOM BRYANT, JR. 841 HANOVER DR. GRIFFIN, GA 30223	U 065 A L/RT
HAMILTON, GENE THOMAS 6 MEDICAL PAVILION GREENVILLE 27834	ORS 074 A AC 919 752-4613	HANSCOM, ALFRED CARLETON BURGE MOUNTAIN RD. RT. #5, BOX 89-B HENDERSONVILLE 28739	IM /FP 011 A AC 704 693-7623	HARE, ROY ALLEN 2609 N. DUKE STREET DURHAM 27704	IM 032 A AC 919 471-8481
HAMILTON, GEORGE EDWARD, JR. 908 ARBOR ROAD WINSTON-SALEM 27104	P 034 AC 919 725-7777	HANSEN, ALFRED ROY UNC, BURNETT-WOMACK, 229H CHAPEL HILL 27514	EM /FP 032 A AC 919 966-5643	HARGRAVE, RONALD PAUL 8100 BAYFIELD RD., APT. 25-E COLUMBIA, SC 29223	EM 032 A R 803 788-2558
HAMILTON, JAMES PRESSLY 2104 RANDOLPH ROAD CHARLOTTE 28207	PDS 060 A AC 704 377-3900	HANSON, JOHN STEPHEN 2711 RANDOLPH RD. CHARLOTTE 28207	GE /IM 060 AC 704 373-0700	HARKER, MARGARET NELSEN P.O. DRAWER 897 MOREHEAD CITY 28557	GP 016 A AC 919 247-3476
HAMILTON, ROBERT WILLIAM BOWMAN GRAY SCH. OF MED. WINSTON-SALEM 27103	NEP /IM 034 A AC 919 748-4304	HANSPAL, PRITHVI PAL SINGH 171 MCARTHUR STREET P. O. BOX 1509 ASHEBORO 27203	U 076 A AC 919 625-3997	HARKINS, PAUL DUANE 1505 WESTOVER TERR. GREENSBORO 27408	ORS /HS 041 A AC 919 275-0927
HAMMER, DONALD EDWIN 2206 CUMBERLAND AVENUE CHARLOTTE 28203	GS 060 A AC 704 375-3504	HANZEL, SAM PO BOX 2458 SAN RAFAEL, CA 94901	NS 001 A P AC 704 254-8878	HARLAN, STEVEN DANE P. O. BOX 308 HICKORY 28603	R 018 A AC 704 322-2644
HAMMER, DOUGLAS IRA P. O. BOX 30788 RALEIGH 27622	EM /GPM 092 A P AC 919 847-8821	HAPKE, EDITH JOSEPHINE 70 WOODFIN PL., STE. 304 ASHEVILLE 28801	PUD /IM 011 AC 704 254-8878	HARLEY, JOHN CRITTENDEN 1003 FIFTH AVE. WEST HENDERSONVILLE 28739	EM 045 AC 704 692-8042
HAMMETT, ELLIOTT BRIAN V. A. HOSPITAL DURHAM 27701	P 032 A P AC 919 286-0411	HARBEN, DOUGLAS JAMES 3535 RANDOLPH RD., STE. 101-W CHARLOTTE 28211	D /IM 060 A P AC 704 364-6110	HARLEY, STEWART JACQUES 114 HOSPITAL DRIVE CLYDE 28721	ORS 044 A P AC 704 452-2218
HAMMOCK, RONALD MACK 200 DOCTOR'S DR. SUITE C JACKSONVILLE 28540	U 067 A AC 919 353-9994	HARBERS, ARTHUR STANLEY P. O. BOX 1460 STATESVILLE 28677	OBG 049 AC 704 878-2011	HARLEY, WILBUR JONES 241 FLINTSHIRE ROAD WINSTON-SALEM 27104	OM /GPM 000 A AS 919 768-4469
HAMMOND, ALFRED FRANKLIN, JR. 1514 TRENT BOULEVARD NEW BERN 28560	GP 025 A L/RT 919 637-6066	HARBOLD, NORRIS BROWN, JR. 1960 RANDOLPH ROAD CHARLOTTE 28207	CD /IM 060 A AC 704 373-1503	HARMAN, JOHN SIMON 1610 VAUGHN ROAD BURLINGTON 27215	U 001 A AC 919 227-2761
HAMMOND, CHARLES B. BOX 3853, DUMC DURHAM 27710	OBG /END 032 AC 919 684-3008	HARBOURNE, KEVIN S. 1641 NORTHWEST BLVD. APT. D WINSTON-SALEM 27104	034 A S 919 724-7390	HARMAN, LAURA S. 207 CONNER DR. APT. 23 CHAPEL HILL 27514	032 A S 919 967-6791
HAMMOND, WILLIAM HOWARD, JR. 224 S. NEW HOPE RD. GASTONIA 28054	GP 036 AC 704 867-3621	HARDAKER, WILLIAM T., JR. BOX 3956, DUMC DURHAM 27710	ORS 032 A AC 919 684-5334	HARMEI, MEREL HILBER BOX 3094, DUMC DURHAM 27710	AN 032 A AC 919 684-2945
HAMMONDS, ROBERT EUGENE 113 COUNTRY CLUB DR. CONCORD 28025	OTO /PS 013 A AC 704 788-2154	HARDAWAY, JOHN STEGER 527 BROOKDALE DR. STATESVILLE 28677	FP 049 AC 704 872-7429	HARMON, DORALEA RYLE P. O. BOX 1329 FRANKLIN 28734	FP 056 AC 704 524-5070
HAMPTON, JAMES HARRIS, JR. P. O. BOX 325 LEWISVILLE 27023	FP 034 A AC 919 945-5846	HARDEMAN, RICHARD AUSTIN 616 E. MARION STREET SHELBY 28150	FP 023 AC 704 487-6338	HARMON, PERRY MONROE 1811 LAKESHORE DR. FAYETTEVILLE 28305	OBG 026 AC 919 484-3271
HAMPTON, JAMES WELDON 1016 COLLEGE ST. EXT. OXFORD 27565	OBG 039 A AC 919 693-1082			HARMON, RAYMOND HARRIS 120 HIGHLAND AVENUE BOONE 28607	OPH 095 A L/RT 704 264-8669

HARNED, HERBERT SPENCER, JR.	PDC 032	HARRIS, MILTON DEAN	CD /IM 034	HARTZOG, HENRY GERARD, III	GS 092
UNC SCHOOL OF MEDICINE	AC	2810 MAPLEWOOD AVENUE	A AC	3814 BROWNING PLACE	A AC
CHAPEL HILL 27514	919 966-4601	WINSTON SALEM 27103	919 768-0437	RALEIGH 27609	919 781-0710
HARPER, DAVID KEITH	OPH 013	HARRIS, ROBERT THOMAS	IM /PYM 092	HARVEY, WALLACE WATSON, JR.	GP /AM 000
500 LAKE CONCORD RD., NE	A AC	2800 BLUE RIDGE RD., STE. 503	AC	330 WASHINGTON ST. #2	A P AC
CONCORD 28025	704 782-1127	RALEIGH 27607	919 782-7500	PORTSMOUTH, VA 23704	703 698-5681
HARPER, JAMES ROBINSON	IM /CD 032	HARRIS, SAMUEL RANCHOR	OBG 029	HARVIN, ALLAN BRABHAM	ORS 096
891 W. WILLOW DRIVE	AC	7 MEDICAL PARK DRIVE	A AC	2701 MEDICAL OFFICE PLACE	A AC
CHAPEL HILL 27514	919 942-5123	LEXINGTON 27292	704 243-2431	GOLDSBORO 27530	919 736-2157
HARPER, LARRY OLEN	IM /END 001	HARRIS, THOMAS REGINALD	PUD /IM 023	HASERICK, JOHN ROGER	DMP /D 063
KERNODLE CLINIC, INC.	A AC	808 SCHENCK STREET	A P AC	P. O. BOX 669	AC
BURLINGTON 27215	919 227-3621	SHELBY 28150	704 482-1482	PINEHURST 28374	919 295-5567
HARPER, MARGARET A.	OBG 034	HARRIS, TYNDALL PEACOCK	IM 032	HASHEMI, ZIAOLLAH	034
300 S. HAWTHORNE RD.	AC	P. O. BOX 3118	A AC	1439-L HUTTON ST.	A S
WINSTON-SALEM 27103	919 748-4595	CHAPEL HILL 27514	919 733-3222	WINSTON-SALEM 27103	
HARPER, MATT CLEVELAND, JR.	GP 054	HARRIS, WILLIAM RIX	OPH 018	HASKETT, JOSEPH RAY, JR.	IM 021
CHERRY HOSP., CALLER BOX 8000	AC	P. O. BOX 2588	A AC	CHOWAN MEDICAL CENTER	A AC
GOLDSBORO 27530	919 522-3162	HICKORY 28603	704 322-2050	EDENTON 27932	919 482-2116
HARPER, ROBERT NORMENT, JR.	GE /IM 092	HARRISON, FRANK N.H., JR.	OBG 060	HASLAM, JOHN BATTLE	011
P. O. BOX 18700	AC	449 N. WENDOVER ROAD	A AC	200 DOCTOR'S BLDG.	A AC
1212 CEDARHURST DR.		CHARLOTTE 28211	704 364-3760	ASHEVILLE 28801	704 255-4100
RALEIGH 27609	919 872-4850	HARRISON, LLOYD HERRITAGE	U 034	HASSELL, CHARLES M., JR.	PTH /DMP 041
HARPER, ROBERT NORMENT, SR.	P 092	300 S. HAWTHORNE RD.	A AC	1200 N. ELM STREET	A AC
3153-G GLENWOOD PROF. VILL.	A AC	WINSTON-SALEM 27103	919 748-4131	GREENSBORO 27401	919 379-4074
RALEIGH 27608	919 782-1555	HARRISS, WILLIAM FRED	R 040	HASSLER, ROBERT EMIEL	OBG 010
HARR, CHARLES DULANEY	GS 034	P. O. BOX 5007	A AC	DOCTORS COMPLEX, #4	A AC
719 WESTVIEW DRIVE	A R	HIGH POINT 27262	919 884-6037	SUPPLY 28462	919 754-9166
WINSTON-SALEM 27103	919 748-2011	HARROLD, LAURIE J.	034	HATCH, ALLAN BRAZIEL	074
HARRELL, LONNIE CLAYTON, III	OBG 060	324 CRAFTON ST.	A S	127 AVERY ST. APT. #3	A S
150 PROVIDENCE ROAD	A AC	WINSTON-SALEM 27103	919 723-5882	GREENVILLE 27834	
CHARLOTTE 28207	704 377-0461	HARSHAW, CHARLES WILLIAM, JR.	CD /IM 041	HATCH, STEPHEN J.	034
HARRELL, WADE WHITLEY	OPH 040	P. O. BOX 20928	A AC	817 CHANCY LN.	A S
319 WESTWOOD AVENUE	A AC	GREENSBORO 27420	919 275-8581	WINSTON-SALEM 27104	919 765-4179
HIGH POINT 27262	919 883-7867	HARSHBARGER, JOHN LYNN	RHU /A 065	HATCHER, MARTIN ARMSTEAD	N 041
HARRELL, WARREN LAMAR, JR.	R 023	1202 MEDICAL CENTER DR.	AC	1305 W. WENDOVER AVENUE	A AC
1237 BROOKWOOD DRIVE	A P AC	WILMINGTON 28401	919 341-3350	GREENSBORO 27408	919 275-0779
SHELBY 28150	704 482-3880	HARSTON, PHILLIP REED	OBG 060	HATCHER, PAUL ARTHUR	U 000
HARRELL, WILLIAM FLETCHER, JR.	PD 070	2711 RANDOLPH RD. STE. 512	AC	BOX 2922, DEPT. OF UROLOGY	R
1142 N. ROAD ST.	A AC	CHARLOTTE 28207	704 333-4104	DUKE MEDICAL CENTER	
ELIZABETH CITY 27909	919 338-2155	HART, ELZIE FRANKLIN, JR.	OTO /PS 012	DURHAM 27710	617 876-1376
HARRELSON, JOHN MILES	ORS /PTH 032	350 E. PARKER ROAD	A AC	HATCHER, WALTER BENJAMIN	074
BOX 3023, DUMC	A AC	MORGANTOWN 28655	704 433-6410	104 GREENEWAY APTS.	A R
DURHAM 27710	919 684-5304	HART, LOWELL L.	ON /HEM 032	GREENVILLE 27834	
HARRILL, HENRY CLAY	U /BLB 041	1012 PROLOGUE ROAD	A AC	HATCHETT, JOHN FRANKLIN, JR.	032
224 N. ELM ST.	A L/RT	DURHAM 27712	919 471-2858	UNC, 458 CRAIGE DORMITORY	A S
GREENSBORO 27401	919 273-3429	HART, OLIVER JAMES, JR.	U 034	CHAPEL HILL 27514	919 933-3491
HARRINGTON, LEE, JR.	OM /IM 034	1806 S. HAWTHORNE ROAD	A AC	HATJIS, CHRISTOS GEORGE	OBG /NPM 034
2340 OLIVET CHURCH ROAD	A L/RT	WINSTON-SALEM 27103	919 768-0735	300 S. HAWTHORNE RD.	AC
WINSTON-SALEM 27106	919 924-4179	HART, OLIVER JAMES, SR.	U 034	WINSTON-SALEM 27103	919 748-4291
HARRIS, BRUCE C.	GS 049	1930 GEORGIA AVENUE	A L/RT	HATTAWAY, ALEXANDER C., III	OTO /HNS 092
PO BOX 1460	AC	WINSTON-SALEM 27104	919 722-6598	3010 ANDERSON DR.	A AC
STATESVILLE MEDICAL GROUP		HART, ROBERT ERIC	032	PO BOX 18946	
STATESVILLE 28677	704 878-2011	C-5 211 CHURCH ST.	A S	RALEIGH 27619	919 787-7171
HARRIS, CARLTON MCKENZIE	IM 041	CHAPEL HILL 27514	919 967-0370	HATTEN, HOMER PAUL, JR.	DR 060
1026 PROFESSIONAL VILLAGE	A AC	HART, ROBERT WILLIAM, III	FP 018	PRESBYTERIAN HOSP. DEPT. RAD A	AC
GREENSBORO 27401	919 272-7108	221 13TH AVENUE PL., NW	A P AC	P. O. BOX 33549	
HARRIS, CHARLES ODELL	OBG 032	HICKORY 28601	704 322-5800	CHARLOTTE 28233	704 371-4057
2609-B CARVER STREET		HART, TIMOTHY BERTRAND	IM /PUD 092	HAUCH, THOMAS WRAY	ON /HEM 060
DURHAM 27705	919 471-1573	1212 CEDARHURST DRIVE	AC	1350 S. KINGS DRIVE	A AC
HARRIS, CHARLES THEODORE, JR.	AN 060	RALEIGH 27609	919 872-4850	CHARLOTTE 28207	
401 FESBROOK COURT	L/RT	HARTLE, EDGAR OWEN	EM 060	HAVEN, ANDREW EDDY	OBG 074
CHARLOTTE 28226		PO BOX 32861	A AC	2245 STANTONSBURG RD., STE. H	A AC
HARRIS, CHARLES WALKER	CD /IM 060	CHARLOTTE 28232	704 334-8419	GREENVILLE 27834	919 782-1273
125 BALDWIN AVE.	A AC	HARTMAN, EDWIN LONZO	IM 051	HAVERKAMP, JOHN	D 096
CHARLOTTE 28204	704 374-1696	515 N. EIGHTH STREET	AC	1706 EVERGREEN AVENUE	A AC
HARRIS, ISAAC EMERON, JR.	CRS 032	SMITHFIELD 27577	919 934-1211	GOLDSBORO 27530	919 734-0944
2836 CHAPEL HILL RD. APT. 17F	A L/RT	HARTMAN, MARJORIE LYNN	034	HAVOUNDJIAN, HRATCHIA	032
DURHAM 27707	919 383-5531	318 GROVE PARK AVE.	A S	506 N. GREENSBORO ST., #43	A S
HARRIS, JEFFREY DAVISON	FP 018	WINSTON-SALEM 27103	919 725-8909	CARRBORO 27510	301 654-8309
HIGHWAY 127 NORTH	A AC	HARTMANN, THOMAS MICHAEL	DR 011	HAWES, ANNE COLCLOUGH	N 060
P. O. BOX 6050		180 PATTON MOUNTAIN RD.	AC	2608 E. SEVENTH ST.	AC
HICKORY 28601	704 495-8226	ASHEVILLE 28804	704 254-4617	CHARLOTTE 28204	704 377-9323
HARRIS, JIMMIE LEE	GP 034	HARTNESS, ALBERT R.	FP 034	HAWES, CHARLES FOREST	GP 031
270 FORSYTH MEDICAL PARK	A AC	P. O. BOX 427	A AC	P. O. BOX 486	A L/RT
WINSTON-SALEM 27103	919 768-5260	MOCKSVILLE 27028	704 634-2108	ROSE HILL 28458	919 289-2739
HARRIS, LARRY COLEMAN	PD 026	HARTNESS, ALVIN HUNTER	PD 026	HAWES, MARY LINDA	IM /NEP 064
P. O. BOX 40405	A AC	514 OWEN DRIVE	A AC	100 NASH MEDICAL ARTS MALL	AC
FAYETTEVILLE 28309	919 323-4281	FAYETTEVILLE 28304	919 323-4571	ROCKY MOUNT 27801	919 493-9084
HARRIS, LAWRENCE STANLEY	FOP /NA 074	HARTNESS, JOHN FREDERICK, JR.	IM /EM 090	HAWES, SAMUEL PINCKNEY, III	U 060
ECU SCHOOL OF MEDICINE	A AC	1307 DOVE STREET	AC	1333 ROMANY ROAD	A AC
BRODY BLDG. 1S08		MONROE 28110	704 289-6474	CHARLOTTE 28204	704 372-5180
GREENVILLE 27858	919 551-4655	HARTNESS, WILLIAM RUFUS, JR.	FP 053	HAWES, STEPHEN JAMES, JR.	ID /IM 060
HARRIS, MICHAEL ALAN	P 067	615 CARR STREET	A L	1928 RANDOLPH RD. STE. 210	A AC
MOQ 2314	A AC	SANFORD 27330	919 775-3491	CHARLOTTE 28210	704 372-3350
CAMP LEJEUNE 28542	919 451-2081	HARTSELL, CHARLES JACOB, JR.	AN 063	HAWK, ROBERT JOE	OBG 088
		MOORE MEMORIAL HOSPITAL	AC	1220 ASHEVILLE HIGHWAY	A AC
		PINEHURST 28374	919 295-6861	BREVARD 28712	704 883-8115

HAWK, RODNEY JAMES 512 PARK HILL CT. PO BOX 1065 HENDERSONVILLE 28739	OTO 045 A * AC 704 693-0706	HEALY, PATRICK K. 250 CHARLOIS BLVD. WINSTON-SALEM 27103	IM 034 * AC 919 768-4730	HEMINGWAY, GEORGE CAPERS, JR. IM /PD 033 101 CLINIC DRIVE TARBORO 27886 919 823-2105
HAWKINS, BARRY FUGH PO BOX 2958 CONCORD 28025	IM 013 A L/RT 704 782-1101	HEARON, BRIAN PAUL 1985 TATE BOULEVARD, SE HICKORY 28601	CD /IM 018 A P AC 704 324-4804	HEMMERLEIN, ARTHUR HANS EM 092 1209 RAINWOOD LANE RALEIGH 27605 919 755-3100
HAWKINS, HAL BURGESS 11 GREEN WAY WILKESBORO 28697	FP 097 A AC 919 838-3491	HEATH, HUNTER 200 DOCTOR'S DRIVE, SUITE I JACKSONVILLE 28540	IM /AI 067 L/RT 919 353-6327	HENDEL, ROBERT CHARLES GS 088 MEDICAL PARK DR., BLDG #1 BREVARD 28712 704 884-2198
HAWKINS, JAMES HUBERT, JR. 316 1/2 S. MAIN STREET GRAHAM 27253	FP 001 A AC 919 228-9759	HEATH, KAREN SUE 3130 TURTLE POINT DR. I FAYETTEVILLE 28304	FP 000 A R 919 485-2842	HENDERSON-SMATHERS, IRMA C. PH 011 1295 MERRIMON AVENUE ASHEVILLE 28804 704 252-0216
HAWKINS, JAMES HUBERT, SR. P. O. BOX 476 GRAHAM 27253	GP 001 A AC 919 227-7496	HEATH, STACEY MAURICE 202-A LINDBETH DR. GREENVILLE 27834	074 A S 919 355-2402	HENDERSON, ANDREW MCKNITT, JR. GP 049 252 W. MCLELLAND AVENUE MOORESVILLE 28115 704 664-5477
HAWKINS, SARALYN REID BOX 2793, DUMC DURHAM 27710	032 A S 919 684-6132	HEATON, FREDERICK CHRISTIAN 3805 COMPUTER DR. RALEIGH 27609	OBG 092 A AC 919 781-6200	HENDERSON, ANITA FP 041 104 E. NORTHWOOD ST. GREENSBORO 27401 919 275-6445
HAWORTH, CHESTER CARL, JR. 624 QUAKER LANE, SUITE 211-B HIGH POINT 27262	N/IM 040 A AC 919 889-1496	HEBERT, MARY ELIZABETH 311 S. LASALLE ST. APT. 8-I DURHAM 27705	032 A S 919 383-8780	HENDERSON, BRADLEY E. ORS 036 902 COX RD. STE. A GASTONIA 28054 704 865-6487
HAWTHORNE, HENRY CLAIBORNE, JR PD 065 1920 S. 16TH STREET WILMINGTON 28401	AC 919 763-2072	HEBERT, STEPHEN WILLIAM 1365 WESTGATE CENTER DR. SUITE N-1 WINSTON-SALEM 27103	P/N 034 A AC 919 760-3220	HENDERSON, CATHY LYNN 074 3027 PARK VILLAGE APT. 7-13 ADAMS BLVD. GREENVILLE 27834 919 758-4094
HAYE, HENRY SOLOMON OBG 067 PO BOX 1229 JACKSONVILLE 28541	P AC 919 346-2182	HEDBERG, ANN ELIZABETH 034 2810-D PELHAM PL. WINSTON-SALEM 27106	A S 919 722-5662	HENDERSON, DAVID JAMES PD /A 079 601 W. HARRISON ST. PO BOX 2299 REIDSVILLE 27320 919 349-8402
HAYES, BENNETT ALLEN, JR. OBG 026 1219 WALTER REED ROAD FAYETTEVILLE 28304	A AC 919 323-2103	HEDGPETH, EDWARD MCGOWAN IM 032 P. O. BOX 87 CHAPEL HILL 27514	A L/RT 919 933-8794	HENDERSON, DAVID YEARDLEY OBG 092 5014 CORONADO DR. RALEIGH 27609 919 684-2484
HAYES, DAVID ALLEN PUD /IM 092 1212 CEDARHURST DRIVE RALEIGH 27609	A AC 919 872-4850	HEDGPETH, EDWARD MCGOWAN, JR. OPH 032 1110 W. MAIN STREET DURHAM 27701	A AC 919 682-9341	HENDERSON, GEORGE P., JR. HNS /OTO 063 PINEHURST SURGICAL CLINIC PINEHURST 28374 919 295-0242
HAYES, DONALD MICHAEL OM /IM 041 3330 W. FRIENDLY AVE. GREENSBORO 27410	A * AC 919 379-4610	HEDGPETH, JOSEPH ROWLAND OBG 029 1302 LEXINGTON AVENUE THOMASVILLE 27360	A P AC 919 475-6139	HENDERSON, JOHN ARTHUR GS 011 117 RATHFARNHAM CIRCLE ASHEVILLE 28803 704 254-2341
HAYES, HUGH HARRISON, JR. R 060 P. O. BOX 33549 CHARLOTTE 28233	A AC 704 371-4000	HEDGPETH, WILLIAM CAREY P. O. BOX 1021 LUMBERTON 28358	GYN 078 A * L 919 739-4923	HENDERSON, JOHN PERCY, JR. U 054 1701 SABRA DR. KINSTON 28501 919 527-3043
HAYES, JAMES WILLIAM ORS 001 KERNODLE CLINIC BURLINGTON 27215	AC 919 227-3621	REDRICK, RICHARD ELI GS 034 1999 GEORGIA AVE. WINSTON-SALEM 27104	A L/RT 919 724-5454	HENDERSON, REX ARTHUR EM 011 36 WEMBLEY ROAD ASHEVILLE 28804 704 255-3786
HAYES, JOHN CHANDLER 032 8 CEDAR TERRACE CHAPEL HILL 27514	A R 919 929-7743	REDRICK, RICHARD ELI, JR. OBG 034 1806 S. HAWTHORNE RD. #102 WINSTON-SALEM 27103	A P AC 919 768-3632	HENDERSON, RICHARD C. ORS 032 UNC, 237 BURNETT-WOMACK DIV. OF ORS, 229H CHAPEL HILL 27514 919 966-3691
HAYES, JOHN TERRENCE ORS 034 301 MILLER STREET, SUITE 201 WINSTON-SALEM 27103	A AC 919 723-2418	HEFFINGTON, MARK WILLIAM FP 050 P. O. BOX 510 CASHIERS 28717	AC 704 743-2491	HENDERSON, RICHARD ROBERT D 001 1522 VAUGHN ROAD BURLINGTON 27215 919 227-0496
HAYES, RICHARD IVAN OBG 092 1100 DRESSER COURT RALEIGH 27609	A AC 919 876-8225	HEGDE, SADANADA BELINJE CD 078 4384 FAYETTEVILLE RD. LUMBERTON 28358	A AC 919 738-1141	HENDRICKS, ANDREW ADAM D 078 102 WEST 27TH STREET LUMBERTON 28358 919 738-7154
HAYES, WILLIAM CLAYTON GP 097 P. O. BOX 540 WILKESBORO 28697	A * AC 919 667-6871	HEINIG, CHARLES FREDERICK ORS /GS 060 1822 BRUNSWICK AVENUE CHARLOTTE 28207	A P AC 704 373-0544	HENDRICKS, WILLIAM MONROE D/A 076 407 S. COX ST. ASHEBORO 27203 919 625-8410
HAYES, WILLIAM CLAYTON, JR. PD 036 635-A COX ROAD GASTONIA 28054	AC 704 864-5437	HEINIG, MICHAEL FORREST ORS 000 831 CLEVELAND ST., APT. 223 GREENVILLE, SC 29601	A R 803 242-0673	HENDRICKSON, STEVEN CRAIG 032 BOX 2743, DUMC DURHAM 27710 919 471-0258
HAYGOOD, VANESSA PEARLINE OBG 041 914 MONTICELLO ST. GREENSBORO 27410	A AC 919 292-7010	HEIZER, MORTIMER DANTZLER FP 074 701 N. MAIN STREET FARMVILLE 27828	AC 919 753-3193	HENDRIX, JAMES PAISLEY IM 032 925 NEW GARDEN RD. ROOM 803 DECEASED - 1987 GREENSBORO 27410 919 489-3281
HAYNES, CARL LEWIS, JR. FP 031 PO BOX 850 ROSE HILL 28458	P AC 919 289-3027	HEIZER, WILLIAM DAVID IM /GE 032 UNC, DEPT. OF MEDICINE CHAPEL HILL 27514	AC 919 966-2511	HENDRIX, JOHN DAVID D 074 1705 W. SIXTH STREET GREENVILLE 27834 919 752-4124
HAYNES, LAWRENCE BOWMAN AN 092 1205 KERSHAW DR. RALEIGH 27609	A * AC 919 782-2009	HELAK, JOSEPH WALTER CD /IM 065 410 R. L. HONEYCUTT WILMINGTON 28403	A AC 919 341-3400	HENGEVELD, LOFTUS, JR. EM /AN 074 107 IRON WOOD DRIVE GREENVILLE 27834 919 756-2047
HAYWARD, JAMES NEIL N 032 UNC, 751 CLINICAL SCI. BLDG. CHAPEL HILL 27514	A AC 919 966-2526	HELLER, JOEL HARVEY FP 041 603 DOLLY MADISON GREENSBORO 27410	AC 919 294-6190	HENLEY, DOUGLAS EUGENE FP 026 4092 PROFESSIONAL DR. HOPE MILLS 28348 919 424-0123
HAYWOOD, HUBERT BENBURY, III ID /IM 092 1212 CEDARHURST DR. PO BOX 18700 RALEIGH 27619	AC 919 872-4850	HELMS, JEFFERSON BIVENS, JR. IM /CD 034 1405 PLAZA DRIVE WINSTON-SALEM 27103	A AC 919 765-4131	HENLEY, JOHN T., JR. OTO 026 3314 MELROSE RD., STE. 100 FAYETTEVILLE 28304 919 323-1465
HAYWOOD, HUBERT BENBURY, JR. OPH 092 2109 BANBURY ROAD RALEIGH 27608	A * L/RT 919 782-0236	HELPPIE, JOANNE E. IM 045 510 7TH AVENUE, WEST HENDERSONVILLE 28739	A AC 919 692-2232	HENLEY, NANCY S. IM 032 3500 WESTGATE DR., STE. 705 DURHAM 27707 919 493-8600
HAZLEHURST, JOHN LIVINGSTON GS 011 16 MCDOWELL STREET ASHEVILLE 28801	A AC 704 252-3366	HELMSABECK, BELMONT AUGUSTUS OPH 034 631 COLISEUM DRIVE WINSTON-SALEM 27106	A L 919 723-1041	HENLEY, THOMAS FRANKLIN OBG 041 1309 N. ELM STREET GREENSBORO 27401 919 273-2563
HAZZARD, WM. RUSSELL IM 034 300 S. HAWTHORNE RD. DEPT. OF MEDICINE WINSTON-SALEM 27103	AC 919 748-4305	HELTON, WILLIAM CHARLES CDS /TS 092 3020 NEW BERN AVE. #560 RALEIGH 27610	A AC 919 781-5335	HENNESSEN, JOHN A. ORS 063 PO BOX 1650 PINEHURST 28374 919 295-4130
HEADLEY, ROBERT NELSON CD /IM 034 300 S. HAWTHORNE RD. WINSTON-SALEM 27103	A AC 919 748-4331	HEMBREE, EUGENE EDWARD, JR. OBG 036 1225 E. GARRISON BLVD. GASTONIA 28054	A AC 704 865-7417	

HENNESSY, JOHN FRANCIS 300 S. HAWTHORNE RD. WINSTON-SALEM 27103	END /IM 034 AC 919 748-2076	HERRING, CHARLES LEONIDAS 310 GLENWOOD AVENUE KINSTON 28501	IM 054 A * AC 919 523-0026	HIGH, LARRY ALLISON 213 N. COLLINS ST. NASHVILLE 27856	FP 064 L/RT 919 459-2811
HENNIGAN, MICHAEL ARTHUR 53 MAIN ST. HAMLET 28345	IM 077 A AC 919 582-0004	HERRING, JOHN HARVARD 1000 N. FIFTH STREET ALBEMARLE 28001	OBG 084 A P AC 704 982-8112	HIGH, LARRY ALLISON, JR. 132 FOY DRIVE ROCKY MOUNT 27801	OBG 064 AC 919 443-6622
HENNINGER, JOSEPH BAYLOR P. O. BOX 1808 STATESVILLE 28677	IM 049 AC 704 873-7789	HERRING, RUFUS MCPHAIL, JR. 403 FAIRVIEW STREET CLINTON 28328	PD 082 * AC 919 592-6011	HIGHSMITH, CHARLES P. O. BOX D TROY 27371	GS /ORS 062 L/RT 919 576-5511
HENRICH, CHARLES 205 THOMPSON ST. HENDERSONVILLE 28739	FP /EM 045 A AC 704 693-9632	HERRING, THEODORE TILGHMAN 1704 S. TARBORO ST. WILSON 27893	OM /GP 098 L/RT	HIGHSMITH, GEORGE PERRY 309 PINEYWOOD ROAD THOMASVILLE 27360	IM 029 A AC 919 475-8121
HENRICH, W. DEAN 250 CHARLOIS BLVD. WINSTON-SALEM 27103	D/MP 034 A AC 919 768-6221	HERRING, WILLIAM ARTHUR, JR. 30 DOCTOR'S PARK BOONE 28607	ORS 095 AC 704 264-1100	HIGHSMITH, WILLIAM COCHRAN 410 DRUMHELLER ROAD CLEMMONS 27012	IM 026 A L/RT 919 766-9905
HENRICK, WILLIAM ROBERT RALEIGH ANES. ASSOCIATES P. O. BOX 18139 RALEIGH 27619	AN 092 A AC 919 781-7420	HERRING, WILLIAM BENJAMIN 1200 N. ELM ST. GREENSBORO 27401	IM /HEM 041 AC 919 379-4062	HIGHTOWER, FELDA 2445 REYNOLDS DRIVE WINSTON-SALEM 27104	GS /TS 034 A L/RT 919 727-1661
HENRY, HECTOR HIMEL, II 102 LAKE CONCORD ROAD, N.E. CONCORD 28025	U/PD 013 P * AC 704 786-5133	HERRINGTON, ROBERT THOMAS N. C. MEMORIAL HOSPITAL CHAPEL HILL 27514	PD /PDC 032 AC 919 966-4601	HILL, ARTHUR THEODORE, JR. 147 ASHLAND AVENUE ASHEVILLE 28801	IM 011 A AC 704 258-1188
HENRY, OZMER LUCAS, JR. T B CONTROL UNIT DIVISION OF HEALTH SERVICES BLACK MOUNTAIN 28711	IM 011 A * AC 704 669-3117	HERSHATTER, BRUCE WARREN 315 BLVD., NE GEORGIA BAPTIST MEDICAL CTR. ATLANTA, GA 30312	TR 032 A AC	HILL, DENNIS LEROY 1900 BRUNSWICK AVENUE CHARLOTTE 28207	N 060 AC 704 377-9323
HENSCHEN, GARY MAYES 606 WALTER REED DR. GREENSBORO 27403	P/PYA 041 A AC 919 299-0108	HERSHEY, CHARLES DANA, JR. PO BOX 32861 CHARLOTTE 28232	AN 060 A P AC 704 554-0239	HILL, EDWARD FELDIN 501 W. 15TH ST. WASHINGTON 27889	FP 007 AC 919 975-2667
HENSCHEN, HAL 2515 MORGANTON RD. FAYETTEVILLE 28303	GS 026 A AC 919 485-8751	HERTENSTEIN, JAMES C. 131 MCDOWELL ST. ASHEVILLE 28801	OTO /HNS 011 A AC 704 254-3517	HILL, EDWARD GRAY, JR. 606 N. ELM ST. HIGH POINT 27262	N/EM 040 A AC 919 889-8877
HENSEL, WILLIAM ARTHUR 1125 N. CHURCH ST. GREENSBORO 27401	FP 041 A AC 919 379-4035	HERTLE, XAVER FRANZ 106 E. NORTHWOOD STREET GREENSBORO 27401	P 041 A AC 919 275-1614	HILL, HAYWOOD NORTHROP, JR. 445-BILTMORE CTR., STE. 407 ASHEVILLE 28801	IM 011 A AC 704 258-0397
HENSON, DONALD LENTZ, JR. 24 SCOTT ST. GREENVILLE 27834	074 A S 919 756-7639	HERZOG, WILLIAM RAYMOND, JR. 4320 AMERICAN DR., APT. A DURHAM 27705	IM 032 R 919 383-8847	HILL, JAMES CARVER 1316 YUBINARANDA CIRCLE CARY 27511	FP 092 A P R 919 469-9635
HENSON, JOSEPH BASCOM, JR. 1107 W. FRIENDLY AVENUE GREENSBORO 27401	IM 041 L/RT 919 274-1567	HESS, PHILIP JOSEPH 1960 RANDOLPH ROAD CHARLOTTE 28207	CDS /TS 060 A AC 704 373-1500	HILL, PATRICIA KAYE P.O. BOX 821 STATESVILLE 28677	P 049 A AC 704 873-8446
HEPLER, JOHN DAVIS 403 WEST 27TH STREET LUMBERTON 28358	OBG 078 A AC 919 739-2846	HESTER, DAVID ALAN 445 BILTMORE CENTER, STE. 302 ASHEVILLE 28801	END /IM 011 * AC 704 253-6812	HILL, PAUL EDWARD 559 N. JUSTICE STREET HENDERSONVILLE 28739	IM /FP 045 A AC 704 692-0587
HERAVI, CYRUS 302 HOSPITAL ROAD SPARTA 28675	GS 003 A AC 919 372-4343	HEYER, ROBERT ALLAN 2711 RANDOLPH ROAD, SUITE 100 CHARLOTTE 28207	PUD /IM 060 AC 704 373-0700	HILL, STEPHEN THOMAS PO BOX 427 LAKE JUNALUSKA 28745	OBG 044 AC 704 456-7369
HERBERT, PHILIP SIDNEY, JR. 1308 HIGHLAND DRIVE WASHINGTON 27889	P 007 * AC 919 946-8061	HEYMAN, ALBERT BOX 3203, DUMC DURHAM 27710	N/IM 032 L 919 684-2682	HILL, WILLIAM HENRY 501 HILL BUILDING ALBEMARLE 28001	GP 084 AC 704 982-5812
HERBERT, WILLIAM, N.P. UNC, OB-GYN DEPARTMENT CHAPEL HILL 27514	OBG /NPM 032 A AC 919 966-1601	HEYMANN, ROBERT CURTIS 118 FORSYTH MEDICAL PARK WINSTON-SALEM 27103	D 034 * AC 919 765-1841	HILLER, CARL JULIEN P. O. DRAWER 1694 NEW BERN 28560	ORS 025 A * AC 919 633-3256
HERBST, CHARLES ARTHUR, JR UNC, 136 BURNETT-WOMACK 229-H CHAPEL HILL 27514	GS /CRS 032 A AC 919 966-5231	HIATT, JOHN DONALD, JR. 1304 FENIMORE STREET WINSTON-SALEM 27103	DR 034 A R 919 725-6584	HILLERY, CHERYL ANN 1418 VALLEY RUN DURHAM 27707	032 A R 919 489-1601
HERFKENS, ROBERT JOHN BOX 3808, DUMC MRI SECTION DURHAM 27710	DR 032 AC 919 681-2711	HIATT, JOSEPH SPURGEON, JR. 1645 MIDLAND RD. SOUTHERN PINES 28387	IM /PUD 063 A L 919 295-5511	HINDSLEY, J. PACK, JR. 604 E. 12TH STREET WASHINGTON 27889	U 007 A AC 919 946-0136
HERINGTON, DAVID S. 2203 S. STERLING ST. MORGANTON 28655	FP 012 AC 704 437-4241	HICKEY, DOCIA ELIZABETH CHARLOTTE MEM. HOSP. PO BOX 32861 CHARLOTTE 28232	NPM /PD 060 A AC 704 338-3156	HINES, EDWARD LLOYD 723 EDITH STREET BURLINGTON 27215	ORS /HS 001 AC 919 227-4256
HERION, JOHN CARROLL N. C. MEMORIAL HOSPITAL CHAPEL HILL 27514	HEM /IM 032 * AC 919 966-4555	HICKING, WILLIAM HENRY 1305 W. WENDOVER AVE. GREENSBORO 27408	CHN /N 041 A AC 919 275-0779	HINES, MICHAEL HERBERT 723 FENIMORE ST. WINSTON-SALEM 27103	034 A R 919 777-0226
HERLONG, JAMES RENE 618 MOREHEAD AVE. #1 DURHAM 27707	032 A S 919 688-8011	HICKMAN, HARRY STUART 623 MAIN STREET, S.E. HUDSON 28638	PD 014 A L 704 728-8484	HINES, MICHELE L. A. PO BOX 2324 FAYETTEVILLE 28302	R 026 AC 919 483-4938
HERNANDEZ, LUIS NICHOLAS PO BOX 1533 SLIDELL, LA 70459	AN 000 A AC	HICKS, CHARLES HENRY 3400 EXECUTIVE DR. RALEIGH 27609	CD 092 A P AC 919 872-8920	HINMAN, ALANSON 792 ROSLYN RD. WINSTON-SALEM 27104	PD 034 L/RT 919 723-0458
HERNDON, WILLIAM MAUNEY, JR. 1350 S. KINGS DR. CHARLOTTE 28207	CD /IM 060 A R 704 372-8750	HICKS, CHARLES MONTGOMERY 1914 GLEN MEADE ROAD WILMINGTON 28403	PD 065 AC 919 762-2651	HINMAN, HAVILAH EDWARD 7 RATHFARNUM RD. ASHEVILLE 28803	OBG 011 L/RT 704 684-6243
HERRERA, MARCOS A. 300 S. HAWTHORNE RD. WINSTON-SALEM 27103	R 034 A AC 919 748-2491	HICKS, J. ROBINSON 1350 KINGS DRIVE CHARLOTTE 28207	ORS 060 A AC 704 372-8750	HINN, ALBERT RICHARD 1453-B CAMERON CT. WILMINGTON 28401	032 A S 919 967-7511
HERRIN, ROBERT ALEXANDER 1628 E. MOREHEAD CHARLOTTE 28207	MFS 060 A AC 704 376-0216	HIDALGO, HECTOR JESUS 2609 N. DUKE ST. DURHAM 27704	DR 032 A AC 919 471-8411	HINSHAW, HOWARD THOMAS 1350 S. KINGS DRIVE CHARLOTTE 28207	END /IM 060 AC 704 372-8750
HERRING, CHARLES BARRY 2034-D BRENTWOOD RD. RALEIGH 27604	IM 092 A R 919 942-4093	HIGGINS, LLOYD MALCOLM 221 HILLCREST DRIVE HIGH POINT 27262	GE /IM 060 AC 704 372-8250	HINSON, JAMES NOAH 102 MOCKSVILLE AVE., STE. 204 SALISBURY 28144	IM 080 A AC 704 633-3136
			PTH 040 AC 919 883-7047	HINSON, JONATHAN C. 2841 TULLY SQUARE #F 2700 REYNOLDA RD. WINSTON-SALEM 27106	034 A S 919 723-7554

HINSON, TONY RAY RT. #1, BOX 434 GREENVILLE 27834	074 A S 919 758-5643	HOLBROOK, ROBERT H. RT. 1, BOX 124 LAKE WACCAMAW 28450	PH /FP 024 R 919 646-4732	HOLTHUSEN, GREGORY GRANT SALEM ORTHOPAEDIC ASSOC. PA A PO BOX 25007	ORS 034 * AC 919 768-1270
HIPP, EDWARD REGINALD, JR. 1350 S. KINGS DRIVE CHARLOTTE 28207	GS /TS 060 AC 704 372-8750	HOLBROOK, WILLIAM DOUGLAS 34 LUVAN WAY DEBORDIEU COLONY GEORGETOWN, SC 29440	P 060 L/RT 919 275-0919	HOLTON, WALTER LEGGETT NORTH MAIN HIGHWAY PO BOX 1045	FP 070 A AC 919 473-3478
HISLEY, JOHN CHARLES PO BOX 32861 CHARLOTTE 28232	OBG /NPM 060 A AC 704 331-3149	HOLDERNESS, HOWARD, JR. 200 E. NORTHWOOD ST., STE. 400 GREENSBORO 27401	PS /GS 041 A * AC 919 275-0919	HOLYK, PETER ROMAN 1916 S. GLENBURNIE RD. NEW BERN 28560	OPH 025 A AC 919 638-1332
HIX, MARK TIMOTHY 101 CLINIC DR. TARBORO 27886	IM 033 A AC 919 823-2105	HOLLADAY, GLENN CLYDE 2711 RANDOLPH RD., STE. 301 CHARLOTTE 28207	PD 060 A AC 704 332-6332	HOMER, STEPHEN HUBERT 3111 MAPLEWOOD AVE., STE. 104 WINSTON-SALEM 27103	ORS 034 AC 919 768-4110
HOBART, SETH GUILFORD, JR. 1830 HILLDALE ROAD DURHAM 27705	HNS /MFS 032 A AC 919 383-5531	HOLLAND, GEORGE THOMAS 1511 ROBINHOOD ROAD DURHAM 27701	032 A S 919 682-8733	HOMESLEY, HOWARD DAVID DEPT. OF OBG, BOWMAN GRAY WINSTON-SALEM 27103	GYN /ON 034 A AC 919 748-4022
HOBSON, JACK BROWN 125 BALDWIN AVE. CHARLOTTE 28204	IM /HEM 060 A AC 704 374-1696	HOLLAND, JAMES EUGENE 2573 STANTONSBURG ROAD GREENVILLE 27834	OPH 074 A AC 919 752-0313	HONEYCUTT, DANNY MORRIS 10724 PARK ROAD CHARLOTTE 28210	FP 060 A AC 704 542-6577
HODGES, HORACE HAYDEN ROUTE #1, BOX 102-L PINEVILLE 28134	IM /GE 060 L/RT 704 588-0828	HOLLAND, JAMES P. 2810 MAPLEWOOD AVE. WINSTON-SALEM 27103	CD 034 A AC 919 768-0437	HONEYCUTT, LATTIE FULLER P. O. BOX 17947 RALEIGH 27619	DR 092 A AC 919 872-4800
HODGES, JAMES ROBINSON 210 13TH AVENUE PLACE, N.W. HICKORY 28601	FP 018 AC 704 328-2941	HOLLAND, MICHAEL DAY 529 AVONDALE AVE. ROCKY MOUNT 27801	IM /NEP 064 * AC 919 443-9084	HOOD, CHRISTOPHER KENNEDY 1712 E. FOURTH STREET CHARLOTTE 28204	OBG 060 AC 704 375-9074
HODGES, JAMES THOMAS GRAHAM-HOPEDALE ROAD BURLINGTON 27215	ORS 001 AC 919 227-3621	HOLLAND, WALTER BOWLIN IREDELL EYE CLINIC P. O. BOX 1144 STATESVILLE 28677	OPH 049 AC 704 872-4108	HOOD, RICHARD THORNTON, JR. 1203 COUNTRY CLUB DR. KINSTON 28501	AI 054 AC 919 523-2567
HODGES, JOSEPH AL, JR. 1108 E. 10TH ST., APT. 3-H GREENVILLE 27858	074 A S 919 758-7626	HOLLANDER, EDWARD MARSHALL 522 N. ELAM AVE. GREENSBORO 27403	OPH 041 A AC 919 854-0393	HOOKER, MICHAEL PHILLIP RT. #5, BOX 771 ASHEVILLE 28803	AN 011 A AC 704 254-1969
HODGINS, LEWIS ROGER 33 LANSGATE COURT DURHAM 27713	AN 032 A R 919 544-2781	HOLLEMAN, IVAN LACY, JR. BOWMAN GRAY, DEPT. OF PATH. WINSTON-SALEM 27103	PTH 034 A AC 919 748-4311	HOOKS, RICHARD EUGENE 123 N. SECOND STREET ST. PAULS 28384	GP 078 A P AC 919 865-5114
HOEKSTRA, JOHN ARTHUR 395 W. 27TH STREET LUMBERTON 28358	IM /AI 078 A AC 919 739-7551	HOLLEMAN, JEREMIAH HENRY, JR. 1350 S. KINGS DR. CHARLOTTE 28207	GS /VS 060 A AC 704 372-8750	HOOLE, AXALLA JOHN UNC, BOX #2, BLDG. 226-H CHAPEL HILL 27514	IM 032 AC 919 966-2276
HOELSCHER, KENNETH KING PO BOX 15025 ASHEVILLE 28813	PM 011 A AC 704 274-2400	HOLLENBECK, JOHN IVOR 3535 RANDOLPH RD., 201-W CHARLOTTE 28211	GS 060 A AC 704 364-8100	HOOPER, JOSEPH WARD, JR. 2216 GILLETTE DR. WILMINGTON 28403	U 065 A AC 919 763-6251
HOEPFNER, DAVID LAWRENCE 3710 SHIPYARD WILMINGTON 28403	EM 065 AC 919 791-0075	HOLLENBERG, BENNETT R. 2516-6 CRANBROOK LANE CHARLOTTE 28207	DR 032 A R 919 663-3360	HOOPER, ROBERT LESLIE C. J. HARRIS HOSPITAL, INC. SYLVA 28779	R 050 A AC 704 586-7000
HOFFMAN, BYRON JAY, JR. 421 N. HOLLY STREET SILER CITY 27344	IM 019 A * AC 919 663-3360	HOLLINGSWORTH, WALTER C. 1928 RANDOLPH ROAD CHARLOTTE 28207	OBG 060 AC 704 376-1612	HOOPER, THOMAS EUGENE INTERNAL MEDICINE ASSOCIATES A P. O. BOX 3188 WILSON 27893	IM 098 AC 919 243-5505
HOFFMAN, CARL MAURICE 307 N. LINDSAY STREET HIGH POINT 27622	OBG 040 A AC 919 885-0149	HOLLISTER, WILLIAM GRAY 2008 N. LAKESHORE DRIVE CHAPEL HILL 27514	P/GPM 032 A L/RT 919 966-5277	HOOTEN, JAMES PHILMON, JR. 3535 APOLLO DR. APT. J-213 METAIRE, LA 70003	ORS 032 A S 919 763-0940
HOFFMAN, CARL WHITE BARKER--TEN MILE RD. PO BOX 1527 LUMBERTON 28358	R 078 A AC 919 739-9788	HOLMES, GEORGE WASHINGTON 4235 STONEHENGE LN. WINSTON-SALEM 27106	ORS 034 A * L/RT 919 722-6939	HOOTEN, MARK TAYLOR 205-D BOLINWOOD APTS. 500 UMSTEAD CHAPEL HILL 27514	032 S 919 763-0940
HOFFMAN, CHARLES ANTHONY, JR. 513 OWEN DRIVE FAYETTEVILLE 28304	U 026 A * AC 919 485-8801	HOLMES, ROBERT PEEL, III 702 NEWMAN ROAD MCCARTHY SQUARE NEW BERN 28560	IM 025 AC 919 633-5333	HOOTS, ELEANOR CARSWELL 221 LOCKLAND AVE. WINSTON-SALEM 27103	034 A S 919 722-1325
HOFFMAN, EDNA TERESA MAURA 348 VALLEY ROAD FAYETTEVILLE 28305	OBG 026 * AC 919 485-4755	HOLSCHER, EDWARD CHARLES 1900 RANDOLPH ROAD, SUITE 918 CHARLOTTE 28207	CHP /P 060 AC 704 333-7724	HOPE, HAROLD PAGAN, JR. 2300 RANDOLPH ROAD CHARLOTTE 28207	GS 060 A P AC 704 376-0327
HOFFMAN, JEFFREY DALE 214 HAMLIN PARK CHAPEL HILL 27514	032 A S 919 968-7604	HOLT, CHARLES RICHARD 17 CAMELOT RD., KINGS FOREST SALISBURY 28144	EM /GS 080 AC 704 637-7504	HOPKINS, LAWRENCE DAVID 5105 RIVER CHASE RIDGE WINSTON-SALEM 27104	OBG 034 AC 919 722-9590
HOFFMAN, KRISTINA MARIE 13-B TARAWA TERRACE DURHAM 27705	032 A S 919 383-9290	HOLT, JAMES BEATTY ROUTE #5, BOX 40 PITTSBORO 27312	FP 019 AC 919 542-3251	HOPKINS, MARBRY BENJAMIN, III 300 S. HAWTHORNE RD. WINSTON-SALEM 27103	PTH 034 AC 919 748-2624
HOFFMAN, MARY JACQUELINE 537 S. HAWTHORNE RD. #12 WINSTON-SALEM 27103	034 A S 919 761-8294	HOLT, JAMES DAVID 308 WILCOX ST. WARRENTON 27589	FP 091 AC 919 257-3141	HOPKINS, RICHARD GLENN P.O. BOX 775, WALKER ST. COLUMBUS 28722	GP 045 A AC 704 894-8266
HOFFMAN, RUTH STERLING UNC STUDENT HEALTH SERVICE CHAPEL HILL 27514	IM 032 AC 919 966-2281	HOLT, JOHN PLUMMER 86 VICTORIA ROAD ASHEVILLE 28801	FP 011 A AC 704 255-8494	HOPPER, WILLIAM FALCON 721 GREEN VALLEY RD. GREENSBORO 27408	PUD /IM 041 AC 919 378-0774
HOFFMAN, THEODORE FREDERICK, JR. ROUTE #4, BOX 286 HILLSBOROUGH 27278	AN 032 AC 919 470-6180	HOLT, THOMAS 209 FAIRVIEW STREET WARRENTON 27589	OPH /OTO 091 A L 919 257-3746	HORNBAKE, EARL RODNEY, III 1700 ST. DELIGHT CHURCH RD. NEW BERN 28560	IM 025 A P * AC 919 633-0363
HOGGARD, WILLIAM ALDEN, JR. PO BOX 726 110 S. POOL ST. ELIZABETH CITY 27909	FP 070 AC 919 335-0867	HOLT, WILLIAM REUBEN, JR. 1515 DOCTOR'S CIRCLE WILMINGTON 28401	CD /IM 065 A AC 919 763-5182	HORNE, STEPHEN FRANCIS 120 S. PEARL STREET ROCKY MOUNT 27804	D 064 A AC 919 446-4922
HOGSHEAD, RALPH, JR. P. O. DRAWER 690 MORGANTON 28655	FP 012 A P * AC 704 437-8121	HOLT, WINDSOR AUSTIN 1100 DRESSER COURT RALEIGH 27609	OBG 092 AC 919 876-8225	HORNER, DONALD STANLEY 1350 S. KINGS DRIVE CHARLOTTE 28207	OBG /PD 060 AC 704 372-8750
HOLBROOK, CARTER TATE, III ECU, DEPT. OF PEDIATRICS GREENVILLE 27834	PHO /PD 074 A AC 919 551-4676	HOLTER, JOHN FREDERICK HIGHWAY 64 WEST P. O. BOX 310 BETHEL 27812	IM /PUD 074 A AC 919 551-4653	HORNER, JACK CHENOWETH 37 PACES WEST PLACE ATLANTA, GA 30327	GS 061 L/RT 404 237-4651

HORNSTEIN, NORMAN MARK P. O. BOX 10968 SOUTHPORT 28461	FP 010 A L 919 457-6744	HOYLE, DAVID EMORY 5331 YARDLEY TERRACE DURHAM 27707	034 A S 919 493-9279	HUGHES, LOREN E. 402 W. DECATUR MADISON 27025	FP 079 AC 919 548-9618
HORSLEY, WILLIAM NOLEN 28 E. WOODROW AVENUE BELMONT 28012	FP 036 A L 704 825-5376	HOYLE, ROBERT MARK ROUTE #4, BOX 69A RUTHERFORDTON 28139	032 A S 704 286-3335	HUGHES, LYNN ALLEN 11 ARDSLEY AVENUE, N. E. CONCORD 28025	OTO 013 A P AC 704 788-1103
HORTON, JAMES MARVIN 1350 S. KINGS DR. CHARLOTTE 28207	060 AC 704 372-8750	HSU, NORA HUANG ROUTE #1, BOX 8-B SUPPLY 28462	OBG 010 A AC 919 754-8113	HUGHES, RONALD EUGENE PO BOX 760 WHITAKERS 27891	FP /OM 033 AC 919 437-2171
HORTON, ROBERT MARSHALL 3039 ESSEX CIRCLE, BLDG. A RALEIGH 27608	FP 092 AC 919 782-2333	HUBBARD, HAMPTON WOODSIDE PROF. BLDG. CLINTON 28328	U 082 A * AC 919 592-7129	HUGHES, THOMAS PATRICK 1901 S. HAWTHORNE RD. #310 WINSTON-SALEM 27103	GE 034 A AC 919 725-8326
HOSEA, ROBERT HAYWOOD KINSTON CLINIC, SUITE K KINSTON 28501	OTO /HNS 054 P AC 919 523-0687	HUBBARD, ROBERT THOMAS 126 LAKE SHORE DRIVE ASHEVILLE 28804	FP 011 A RT 704 252-5103	HULKA, GREGORY F. BOX 2875, DUMC DURHAM 27710	OTO 032 S 919 493-8258
HDSKINS, JOHN ROBINSON, III 7 AMHERST RD. ASHEVILLE 28803	AN 011 A L/RT 704 274-5049	HUBBARD, STEPHEN ADRIAN 2930 CLUB PARK ROAD WINSTON-SALEM 27104	IM /EM 034 A S 919 760-1226	HULKA, JAROSLAV FABIAN UNC, DEPT. OF OB-GYN CHAPEL HILL 27514	OBG /OBS 032 AC 919 966-5287
HOSTETLER, HERBERT JAMES 52 RED FOX RUN PINEHURST 28374	AN 063 AC 919 295-4606	HUBBERT, LEROY KARL 3234-D CALUMET DR. RALEIGH 27610	032 A S 919 755-0348	HULL, KEITH LOWELL, JR. PO BOX 40999 RALEIGH 27629	N/IM 092 A AC 919 782-3456
HOUGH, WILLIAM AMOS, III 410 AVALON ROAD WINSTON-SALEM 27104	IM 034 A AC 919 768-4730	HUCKS-FOLLISS, ANTHONY GEORGE P. O. BOX 2000 PINEHURST 28374	NS 063 AC 919 295-1843	HUMPHREY, JOHN EDWARD, JR. 2040 RANDOLPH RD. CHARLOTTE 28207	P 060 AC 704 334-0875
HOUSE, RICHARD JAMES SEVEN SPRINGS 28578	OTO 096 A AC 919 735-9146	HUDSON, EDWARD VALENTINE 1830 HILLDALE ROAD DURHAM 27705	OTO 032 A AC 919 383-5531	HUMPHREYS, DAVID HARDING 5 LIVINGSTON AT VICTORIA PLASTIC SURGERY CTR. ASHEVILLE 28801	PS 011 A AC 704 253-3866
HOUSER, FOREST MELVILLE 410 S. ELM STREET CHERRYVILLE 28021	GP 036 A L/RT 704 435-6803	HUDSON, RICHARD PAGE, JR. ECU SCHOOL OF MEDICINE DEPT. OF CLINICAL PATHOLOGY GREENVILLE 27834	FOP /PTH 074 A AC 919 551-4655	HUMPHRIES, DAVID SCOTT 1350 S. KINGS DRIVE CHARLOTTE 28207	ORS 060 A AC 704 372-8750
HOUSTON, FRANK MATT 1030 PROFESSIONAL VILLAGE GREENSBORO 27401	D 041 A AC 919 373-1383	HUDSON, RICHARD WOODARD PO BOX 729 BAYBORO 28515	FP 025 A P * AC 919 745-3191	HUNDLEY, JAMES DAVENPORT 2001 S. 17TH STREET WILMINGTON 28401	ORS 065 A P * AC 919 763-7344
HOWARD, CORBETT ETHERIDGE 2700 MEDICAL OFFICE PLACE GOLDSBORO 27530	TR /D 096 A L 919 734-1866	HUDSON, SARAH TILTON WILLCOX 12 OFFICE PARK DR. JACKSONVILLE 28540	PD 067 A AC 919 353-6262	HUNSBERGER, KURT LEE 1142 N. ROAD STREET ELIZABETH CITY 27909	IM 070 A AC 919 338-4117
HOWARD, GEORGE ALBERT, III 100 PRESTON DR. JACKSONVILLE 28540	DR 067 AC 919 577-1171	HUDSON, WILLIAM RUCKER DUKE UNIV. MED. CTR. DURHAM 27710	OTO 032 A * AC 919 684-3834	HUNT, CLYDE MCCOY, JR. 1802 WILDWOOD COURT WILSON 27893	AN 098 A AC 919 291-1700
HOWARD, JAMES FRANCIS, JR. UNC.751 CLINICAL SCI. 229-H CHAPEL HILL 27514	N 032 A AC 919 966-5522	HUDSPETH, ALLEN SHERRILL 300 S. HAWTHORNE RD. WINSTON-SALEM 27103	CDS /TS 034 A AC 919 748-4359	HUNT, LOUIS DAVID 200 E. NORTHWOOD STREET GREENSBORO 27401	U 041 A AC 919 275-6115
HOWARD, JOSEPH COOPER, JR. HOSPITAL PROF. BLDG. CLINTON 28328	GS 082 A AC 919 592-2167	HUDSPETH, DUDLEY ALLEN 102 ECHO GLEN DR. E-4 WINSTON-SALEM 27106	032 A \ S 919 724-6189	HUNT, OLIVER RAYMOND, JR. 1607 DOCTOR'S CIRCLE WILMINGTON 28401	CDS /TS 065 A * AC 919 763-6571
HOWARD, KEVIN PRICE 518 S. VAN BUREN RD., STE. #8 EDEN 27288	FP 079 A AC 919 623-5171	HUEY, THOMAS WALKER, JR. 1012 KINGS DRIVE CHARLOTTE 28283	GYN 060 A L 704 375-4216	HUNT, THOMAS HOLMES 3155 MAPLEWOOD AVENUE WINSTON-SALEM 27103	DR /NR 034 A * AC 919 760-5874
HOWARD, PAUL OSMON 555 CARTHAGE STREET SANFORD 27330	FP 053 A P AC 919 774-6518	HUFF, OLSON 5 FREDERICK STREET ASHEVILLE 28801	PD 011 * AC 704 258-6091	HUNT, WILLIAM BRYCE, JR. P. O. BOX 2157 NEW BERN 28560	PUD /IM 025 A AC 919 633-8608
HOWE, DONALD DOUGLAS 1225 E. GARRISON BLVD. GASTONIA 28054	OBG 036 AC 704 865-7416	HUFFINES, WILLIAM DAVIS UNC. 314 BERRYHILL HALL 219-H CHAPEL HILL 27514	PTH /GP 032 A AC 919 966-1134	HUNT, WILLIAM JACK 720 FERNDAL BLVD. HIGH POINT 27260	IM 040 L 919 882-9814
HOWE, HAROLD RAGAN, JR. 811 MUSEUM DR. CHARLOTTE 28207	CDS 060 R 919 761-1699	HUFFMAN, ALLEN WILLIAM, JR. 1205 N. CENTER STREET HICKORY 28601	OBG 018 A AC 704 328-2901	HUNTER, BILLY RAY 1328 ASHLEY SQUARE WINSTON-SALEM 27103	P 034 A AC 919 765-5092
HOWELL, CHARLES MAITLAND, JR. 340 PERSHING AVENUE WINSTON-SALEM 27103	D 034 * L 919 725-8422	HUFFMAN, JOHN MITCHEL, JR. 300 S. HAWTHORNE ROAD WINSTON-SALEM 27103	034 A S 919 722-9378	HUNTER, DAVID MONTGOMERY 1615 NORTHWEST BLVD. WINSTON-SALEM 27104	034 A S 919 724-9568
HOWELL, EDGAR VASTON, JR. 400 E. WASHINGTON ST. PO BOX 1148 ROCKINGHAM 28379	ORS 077 A P AC 919 997-4570	HUFFMAN, ROBERT EDWARD 146 VICTORIA ROAD ASHEVILLE 28801	P 011 A * AC 704 253-3695	HUNTER, JAMES EDWARD 1057 RANDOLPH ROAD THOMASVILLE 27360	IM /BE 029 A AC 919 475-8121
HOWELL, FREDERICK LAWRENCE 2932 LYNDBURST AVENUE WINSTON-SALEM 27103	U 034 A AC 919 765-4021	HUFFSTUTTER, WILLIAM MAURICE 50 DOCTOR'S DR. STE. 210 ASHEVILLE 28801	CHN /N 011 * AC 704 252-8983	HUNTER, JOHN BALDWIN 618 E. MARION STREET SHELBY 28150	GS /GP 023 A L/RT 704 487-6022
HOWELL, HARRY SLADE, JR. 624 QUAKER LANE, SUITE 116-B HIGH POINT 27262	GS /CDS 040 A AC 919 886-4552	HUGGINS, HENRY LAWSON, JR. 536 19TH AVE. DR., NW HICKORY 28601	EM 074 A R 919 679-8285	HUNTER, JOHN DANE 1202 MEDICAL CENTER DRIVE WILMINGTON 28403	ON /HEM 065 A * AC 919 762-2990
HOWELL, JULIUS 1900 S. HAWTHORNE RD. STE. 480 WINSTON-SALEM 27103	PS /OTO 034 A * L 919 760-1727	HUGHES, CARLISLE BEE, JR. RT. 2, BOX 567 YADKINVILLE 27055	GS 086 A L/RT 919 679-8285	HUNTER, ROBERT MERRILL 3020 NEW BERN AVE. RALEIGH 27610	CDS /TS 092 A AC 919 833-8404
HOWELL, NELSON NEIL 3535 RANDOLPH ROAD CHARLOTTE 28211	OTO /HNS 060 A * AC 704 365-0711	HUGHES, DOREEN L. 2047 CRAIG ST. APT. B WINSTON-SALEM 27103	034 A * S 919 722-5423	HUNTLEY, DANNY EDWARD 6708 ALBEMARLE RD. CHARLOTTE 28212	FP 060 AC 704 536-4903
HOWERTON, PHILIP THOMAS 2203 S. STERLING ST., STE.176 MORGANTON 28655	R 012 A AC 704 438-2250	HUGHES, JACK 923 BROAD STREET DURHAM 27705	U 032 A P * AC 919 286-1297	HURDLE, THOMAS GRAY 1786 METROMEDICAL DR. FAYETTEVILLE 28304	U 026 A AC 919 485-8151
HOWIE, JOHN SANDALL 3129 ESSEX CIRCLE RALEIGH 27608	PYA /P 092 A AC 919 782-0616	HUGHES, JAMES LEWIS PITT CO. MEM. HOSP. 228-2W GREENVILLE 27834	PD 074 A AC 919 355-2460	HURST, DANIEL JOHNSON 250 CHARLOIS BLVD. WINSTON-SALEM 27103	PUD /IM 034 A AC 919 768-4730
HOWLER, WILLIAM EDWARD, JR. 1778 METROMEDICAL DRIVE FAYETTEVILLE 28304	GE 026 A AC 919 323-5203	HUGHES, JOE DON P. O. BOX 1208 RUTHERFORDTON 28139	OBG 081 A * AC 704 287-7383	HURST, DAVID MAURICE 1003 PINE NEEDLE LANE THOMASVILLE 27360	R/NM 029 A P AC 919 475-3056

HURT, JOE PAUL 163 MONTEITH BRANCH ROAD SYLVA 28779	PTH /NA 050 A AC 704 586-8721	IPAPO, VIRGILIO SORIANO 1309 E. FRANKLIN ST. MONROE 28110	GS /VS 090 AC 704 289-3024	JACKSON, DONALD CHARLES P. O. BOX 2065 NEW BERN 28560	R 025 A AC 919 633-5057
HURWITZ, BARRIE J. BOX 3184, DUMC DURHAM 27710	N/IM 032 A AC 919 684-4126	IRANI, WALEED NABIL 12-D STRATFORD HILLS APTS. CHAPEL HILL 27514	A S 919 929-9907	JACKSON, FREEMAN RANDOLPH 107 ELMWOOD TERR. GREENSBORO 27408	R 041 A AC 919 299-6815
HUSSEY, HOWARD SUMMERELL, JR. 908 ST. ANDREW STREET TARBORO 27886	FP 033 A L/RT 919 823-2534	IRELAND, PATRICK DAVID 315 LOCKLAND AVE. WINSTON-SALEM 27103	A S 919 723-2935	JACKSON, JOSEPH ALEXANDER, III 800 W. CEMETERY STREET SALISBURY 28144	OPH 080 A AC 704 633-0345
HUSSEY, MICHAEL BRUSH P. O. BOX 5388 HIGH POINT 27262	NS 040 A P AC 919 889-3242	IRIGARAY, PETER JOSEPH JOHN UMSTEAD HOSPITAL BUTNER 27509	P 032 A P AC 919 575-7092	JACKSON, MURRAY THREADGILL, JR. P. O. BOX 1043 SYLVA 28779	R 050 A AC 704 586-8941
HUTCHESON, JAMES STERLING 1350 S. KINGS DRIVE CHARLOTTE 28207	AI 060 AC 704 372-8750	IRION, JAMES CARNEY RT. #4, BOX 588, HATCH RD. CHAPEL HILL 27514	A S 919 967-7729	JACKSON, RICHARD DEWITT 1067 GREENHILL ROAD MOUNT AIRY 27030	GS 086 L/RT 919 786-2400
HUTCHINS, CHARLES HUBERT 750 COX ROAD GASTONIA 28054	PSF /OTO 036 A P AC 704 867-7212	IRONS, CARY FREDERICK, JR. 1104 W. ROCK SPRING ROAD GREENVILLE 27834	FP 074 A L/RT 919 752-3423	JACOB, WILLIAM MITCHELL 1210 QUAIL COURT ROANOKE RAPIDS 27870	DR /R 042 AC 919 535-8155
HUTCHINSON, KENNETH RAYMOND 1350 S. KINGS DRIVE CHARLOTTE 28207	U 060 AC 704 372-8750	IRONS, GEORGE VERNON, JR. 1350 S. KINGS DRIVE CHARLOTTE 28207	CD /IM 060 A AC 704 372-8750	JACOBS, GEORGE DANIEL 1225 E. GARRISON BLVD. GASTONIA 28054	OBG 036 P AC 704 865-7416
HUTCHINS, ROBERT HAROLD 2015 S. LIVE OAK PARKWAY WILMINGTON 28403	IM 065 AC 919 343-8191	IRONS, MALENE GRANT 1104 W. ROCKSPRING GREENVILLE 27834	PD /GPM 074 A L/RT 919 752-3423	JACOBS, WILLIAM EDWARD 2215 RANDOLPH ROAD CHARLOTTE 28207	PS /GS 060 A AC 704 372-6846
HUTCHINSON, FORNEY, III 1822 BRUNSWICK AVENUE CHARLOTTE 28207	ORS 060 A AC 704 373-0544	IRONS, THOMAS GRANT ECU DEPT. OF PEDIATRICS GREENVILLE 27834	PD 074 A AC 919 551-2535	JACOBSON, MARK DAVID 3924 OLD VINEYARD RD., #55 WINSTON-SALEM 27104	034 A S 919 760-3389
HUTTO, EDITH E-11 WOODFIELD ASHEVILLE 28803	D 011 A RT 704 298-2954	IRVING, RICHARD CARROLL RT. #9, 2589 HEBRON RD. HENDERSONVILLE 28739	AN /GER 045 A L/RT 704 692-9806	JACOBSON, PETER LARS P. O. BOX 1749 PINEHURST 28374	N/IM 063 A P AC 919 295-6868
HWANG, YINNAH G. PO BOX 425 ZEBULON 27597	FP 092 A AC 919 269-4101	IRVING, THOMAS HERBERT 415 E. BROAD ST. STATESVILLE 28677	AN 049 P AC 704 872-7364	JACOBSON, ROBERT CARL P. O. BOX 18139 RALEIGH 27619	AN 092 A AC 919 755-3034
HYDE, AUSTIN TABER, JR. NORRIS-BIGGS CLINIC PO BOX 970 RUTHERFORDTON 28139	A/IM 081 AC 704 286-9036	ISAACS, KIM LUISE 103 POLK'S TRAIL CHAPEL HILL 27514	IM 032 A R 919 968-1597	JACOBSON, SEVERT HAROLD P. O. BOX 2000 PINEHURST 28374	NS 063 A AC 919 295-1291
HYDE, SAMUEL ELISHA III P. O. BOX 9796 ASHEVILLE 28815	IM 011 A AC 704 298-7911	ISBEY, EDWARD KENNETH, JR. 495 BILTMORE AVENUE ASHEVILLE 28801	OPH 011 A P AC 704 258-1586	JACQUES, ROBERT SAMUEL P. O. BOX 695 PITTSBORO 27312	EM /FP 063 A AC 919 295-7777
HYER, RANDALL NELMS 1001 NORWOOD AVE. DURHAM 27707	032 A S 919 383-8602	ISENHOWER, JOSEPH ANDREW 24 SECOND AVENUE, N.E. HICKORY 28601	FP 018 A P AC 704 328-2231	JACUMIN, WALTER JOE P. O. BOX 700 VALDESE 28690	R/NM 012 A AC 704 879-9541
IBRAHIM, GEORGE KAISSAR 11 WILLOWBRIDGE DR. #80 DURHAM 27707	032 A S 919 493-3695	ISRAEL, JAMES RAY 1365 WESTGATE CENTER DR. SUITE N-1 WINSTON-SALEM 27103	P/FP 034 A AC 919 760-3220	JAFFURS, WILLIAM J., JR. PO BOX 610 GRIMESLAND 27837	EM 074 A AC 919 551-4757
IBRAHIM, KAISSAR SLEIMEN 712 WILKINS STREET SMITHFIELD 27577	GS /CDS 051 A AC 919 934-2360	ISRAEL, JOHN ROBERT 5 LIVINGSTON STREET ASHEVILLE 28801	PS 011 AC 704 253-7000	JAIN, REKHA 5813 NORTH BOULEVARD RALEIGH 27604	IM /PD 092 AC 919 878-8620
IBRAHIM, MOUNIR LABIB 2900-A MAPLEWOOD AVE. WINSTON-SALEM 27103	P/HYP 034 A AC 919 768-2886	ISSA, MAHMOUD A. 224 MEMORIAL DR. STE. A JACKSONVILLE 28540	GE /IM 067 AC 919 577-1444	JAMES, CHARLES NEWTON P. O. BOX 518 CAROLEEN 28019	FP 081 A P AC 704 657-5371
IFFT, ROBIN DAWN 731 LYNN DEE DR. WINSTON-SALEM 27106	034 S 919 725-3578	IVES, DONALD LELAND 303-B MASON FARM RD. CHAPEL HILL 27514	032 A S 919 929-4303	JAMES, FRANCIS MARSHALL, III 15 GRAYLYN PLACE LANE WINSTON-SALEM 27106	AN 034 A P AC 919 723-4690
IGLEHART, JAMES DIRK BOX 3873, DUMC DURHAM 27710	GS /TS 032 A AC 919 684-6133	IZLAR, HENRY LEROY, JR. 306 S. GREGSON STREET DURHAM 27701	IM /CD 032 A AC 919 682-5562	JAMES, GEORGE W. 205 S. HAWTHORNE ROAD WINSTON-SALEM 27103	D 034 A L 919 722-6155
IMBODEN, LEY INEZ 217 E. WOODSTOCK DR. GREENVILLE 27834	074 A S 919 756-8735	IZURIETA, HENRY 514 BEAUMONT ROAD FAYETTEVILLE 28304	IM 026 AC 919 485-8831	JAMES, GEORGE WHITFIELD 1900 QUEEN ST. #C-3 WINSTON-SALEM 27103	034 A S 919 722-5918
IMBUS, HAROLD ROGER 4605-E DUNDAS DRIVE GREENSBORO 27407	OM 041 A AC 919 845-2303	JABEN, SCOTT LEONARD 309 S. LAUREL AVE. CHARLOTTE 28207	OPH 060 A AC 704 372-4380	JAMES, JOHN CLAY ROUTE #3, BOX 436 MAIDEN 28650	GP 018 A AC 704 428-9740
INABNET, WILLIAM BARLOW 100 E. NORTHWOOD STREET GREENSBORO 27401	OTO /PSF 041 A AC 919 275-0507	JABLONOVER, MICHAEL RICHARD 1915 YEARBY ST., APT. G DURHAM 27705	032 A S 919 684-5681	JAMES, JOSEPH MCCRAW 2622 MIMOSA PLACE WILMINGTON 28403	R 065 A AC 919 343-7069
INGE, WELLFORD W., III 311 S. LASALLE ST. APT. 37B DURHAM 27705	032 A S 919 286-3311	JABLONOVER, ROBERT STEPHAN 136-A PUREFOY ROAD CHAPEL HILL 27514	032 A S 919 968-0098	JAMES, RICHARD THOMAS, JR. 217 TRAVIS AVENUE CHARLOTTE 28204	IM 060 A AC 704 372-3350
INGRAM, CHARLES HAL 229 CASCADE DR. HIGH POINT 27260	GS 040 L/RT 919 886-4552	JACKLIN, HAROLD NORMAN 1014 N. ELM STREET GREENSBORO 27401	OPH 041 A P AC 919 274-2149	JAMES, ROBERT MITCHELL 2704 JEFFERSON DR. GREENVILLE 27834	074 A S 919 725-2254
INGRAM, HAYWOOD MELTON 1317 N. ELM ST. STE. #5 P. O. BOX 10037 GREENSBORO 27404	GS 041 A AC 919 274-8444	JACKSON, CHARLES THOMAS 5950 FAIRVIEW RD., STE. 100 3 FAIRVIEW PLAZA CHARLOTTE 28210	OBG 060 AC 704 551-4200	JAMES, ROBERT TRUXTON 305 E. CALHOUN ST. ANDERSON, SC 29621	NS 000 A AC 803 226-7257
INGRAM, ROBERT GREGORY 1100 OLIVE STREET GREENSBORO 27401	IM 041 A AC 919 378-9906	JACKSON, DAVID DEWITT P. O. BOX 191 MOUNT AIRY 27030	704 551-4200 GS /CDS 086 A AC 919 789-9176	JAMES, ROGER ALLEN 946 TUNNEL ROAD ASHEVILLE 28805	FP 011 A AC 704 298-7981
INJEIKIAN, JIRAIR ALEXAN 709 GROVER STREET SHELBY 28150	TS /GS 023 A AC 704 482-8371	JACKSON, DAVID STONE, JR. 300 S. HAWTHORNE ROAD WINSTON-SALEM 27103	FP 034 A AC 919 748-2832	JAMISON, EDGAR LAMONT 1243 IDLEWOOD RD. ASHEBORO 27203	OPH /OTO 076 A L/RT 919 625-6315
INMAN, CHARLES ERNEST 1212 S. WALNUT ST. FAIRMONT 28340	FP 078 AC 919 628-6711	JACKSON, DON VERNON, JR. 300 S. HAWTHORNE ROAD WINSTON-SALEM 27103	IM /ON 034 A AC 919 748-2088	JANEWAY, RICHARD 300 S. HAWTHORNE RD. WINSTON-SALEM 27103	N 034 A AC 919 748-4424
				JANOSKO, EDWARD ORESTES, II 224 KING GEORGE ROAD GREENVILLE 27834	U/N/A 074 A AC 919 752-5077

JANOWSKY, DAVID S. UNC. DEPT. OF PSYCHIATRY 231 MEDICAL SCH. WING B 207H CHAPEL HILL 27514	P 032 AC	JENNINGS, ROBERT BURGESS BOX 3712, DUMC DURHAM 27710	PTH /CLP 032 A AC 919 684-3528	JOHNSON, JAMES ERWIN 3308 MELROSE ROAD FAYETTEVILLE 28304	ORS 026 A P AC 919 484-4874
JANTZ, ROBERT JOSEPH P. O. BOX 128 MOUNT GILEAD 27306	FP 062 AC	JENNINGS, ROYAL GREEN 624 QUAKER LANE, SUITE 302-B HIGH POINT 27262	D 040 A P AC 919 887-3195	JOHNSON, JAMES NOLEN 24 DEER PARK LAKE DR. SPRUCE PINE 28777	FP 061 AC
JARMAN, FONTAINE GRAHAM, JR. 12 LONGSTREET ROAD WELDON 27890	GS 042 A L/RT 919 536-2884	JENSEN, ROGER D. 491 BILTMORE AVE. ASHEVILLE 28801	FP 011 A AC 704 258-0670	JOHNSON, JOY MOORING 4612 GUNSTON PL RALEIGH 27612	IM 092 AC 919 783-5312
JARMAN, WAYNE THOMAS 708 HARTNESS ROAD STATESVILLE 28677	GS 049 A AC 704 873-1024	JEON, MYUNG KIL MEDICAL ARTS CENTER PLYMOUTH 27962	GP 007 AC 919 793-5073	JOHNSON, LESLIE DONALD 733-G COLONY APARTMENTS BURLINGTON 27215	DR 001 A P AC 919 227-8111
JARMAN, WILLIAM HENRY, JR. 902 COX RD. STE. E GASTONIA 28052	ORS 036 A AC 704 867-2333	JERARD, D'SOUZA V. 300 S. HAWTHORNE RD. WINSTON-SALEM 27103	A AC 919 748-4435	JOHNSON, MICHAEL DONALD RT. #5, BOX 358-GA CHAPEL HILL 27514	032 A S 919 929-9775
JAROSAK, PETER JAMES THE SAM RAVENEL CLINIC 1307 W. WENDOVER AVENUE GREENSBORO 27408	PD 041 AC 919 275-6335	JESSUP, PAMELA KAY H. 555 CARTHAGE ST. SANFORD 27330	A P AC 919 774-6518	JOHNSON, PETER GRAHAM P. O. BOX 577 MOUNT GILEAD 27306	FP 062 AC 919 439-6831
JARRAH, AZMI SHAFIQ 100 MEDICAL HTS. MORGANTON 28655	PD /PNP 012 A AC 704 433-9630	JETT, HARRIMAN HARDING 2104 RANDOLPH ROAD CHARLOTTE 28207	GS 060 A AC 704 377-3900	JOHNSON, RANDALL DIVAN 16 MCDOWELL STREET ASHEVILLE 28801	GS /CDS 011 A AC 704 252-3366
JARRAHI, ALI 2830 MAPLEWOOD AVENUE WINSTON-SALEM 27103	P/PH 034 A AC 919 768-2424	JEWELL, GARY WELCH 1408 FRANKLIN STREET MONROE 28110	OBG 090 A AC 704 289-2553	JOHNSON, ROBERT BRUCE 101 CARY PKWY. SW #210 CARY DERMATOLOGY CTR. CARY 27511	D 092 AC 919 467-8556
JARRELL, WILBURN ERIC 2007 SALEM ROAD MOUNT AIRY 27030	FP 086 A AC 919 786-5050	JIAMACHELLO, NICHOLAS 307 SYLVAN ROAD FAYETTEVILLE 28305	OBG 026 A RT 919 485-8729	JOHNSON, RONALD W. 172 ASHELAND AVE. ASHEVILLE 28801	FP 011 AC 704 252-1131
JARRETT, DAVID LINCOLN 53 S. FRENCH BROAD ST. ASHEVILLE 28801	ORS 011 A AC 704 252-7180	JILCOTT, RUPERT WADSWORTH, III KINSTON CLINIC NORTH, STE. H KINSTON 28501	IM 054 A AC 919 522-1404	JOHNSON, SAMUEL ANDREW APT. #4, CARRIAGE HOUSE GREENVILLE 27834	A S 919 934-2161
JARRETT, THOMAS EDWARD 624 QUAKER LANE, #205A HIGH POINT 27262	IM 040 AC 919 885-2111	JOBSON, VERNON WAKEFIELD 1901 S. HAWTHORNE RD. STE. 360 WINSTON-SALEM 27103	GYN /ON 034 A AC 919 765-1464	JOHNSON, STEPHEN EDWARD 10501 LEAFWOOD COURT RALEIGH 27612	EM /IM 092 A AC 919 755-3100
JARVIS, JAMES LUTHER 1516 PINEOLA LANE GASTONIA 28054	NM /R 036 A AC 704 864-4378	JOHNSON, ERIC MERRIMAN 1007 N. 6TH ST. ALBEMARLE 28001	A AC 704 983-3121	JOHNSON, THOMAS DUANE DOCTORS PARK APTS. U-4 GREENVILLE 27834	074 A S 919 758-4458
JASKI, THOMAS JOHN NORRIS-BIGGS CLINIC P. O. BOX 970 RUTHERFORDTON 28139	GE /IM 081 AC 704 286-9036	JOHNSON, LYNN 524 BEAUMONT ROAD FAYETTEVILLE 28304	IM 026 A P L 919 484-6080	JOHNSON, THOMAS GARY 132 35TH AVE., NW HICKORY 28601	DR 018 A AC 704 327-6342
JASMINE, MARK SCOTT 88 OAK LEAF LANE CHAPEL HILL 27514	ORS 032 A R 919 942-2128	JOHNSON, ALBIN WILLARD 2800 BLUE RIDGE BLVD., STE. 409 RALEIGH 27607	OPH 092 A AC 919 781-7400	JOHNSON, THOMAS MILTON 709 NORTH STREET SMITHFIELD 27577	FP 051 AC 919 934-8556
JAYNES, GRACE S. PO BOX 1095 FAIRFIELD, TX 75840	GP 075 A L/RT 214 389-5662	JOHNSON, ANDREW FINLEY 2402 SPRINGS ROAD, N.E. HICKORY 28601	GP 018 A AC 704 256-2185	JOHNSRUDE, IRWIN STANLEY P. O. BOX 328, RTE. #9 GREENVILLE 27834	DR 074 A AC 919 756-9280
JECK, LIDA MORAWETZ 800 EASTOWNE DR., STE. 204 CHAPEL HILL 27514	A 032 AC 919 493-5329	JOHNSON, ATLEE ROLLINS, III 2412 JEFFERSON AVE. WINSTON-SALEM 27103	A S 919 723-3171	JOHNSTON, DAVID SOMERS 1822 BRUNSWICK AVENUE CHARLOTTE 28207	ORS 060 A P AC 704 373-0544
JEFFERS, ROBERT GORDON 3803 COMPUTER DR. STE. 207 RALEIGH 27609	P 032 AC 919 782-5273	JOHNSON, CHARLES ROSS 4000 BLUE RIDGE RD. STE. 100 RALEIGH 27612	P 092 AC 919 781-8700	JOHNSTON, FRANK RANDOLPH 300 S. HAWTHORNE RD. WINSTON-SALEM 27103	TS /CDS 034 L/RT 919 748-4338
JEFFRIES, JENNIFER JEAN 2877 HOSPITAL SOUTH, DUMC DURHAM 27710	ADL 092 A AC 919 286-9385	JOHNSON, CHARLES THOMAS, JR. 222 S. MAIN STREET RED SPRINGS 28377	FP 078 A AC 919 843-4576	JOHNSTON, FRANK SMITH, JR. 3900 BROWNING PLACE RALEIGH 27609	IM 092 A AC 919 781-9650
JEMSEK, JOSEPH GREGORY 1350 S. KINGS DR. CHARLOTTE 28207	032 A S 704 372-8750	JOHNSON, DAVID SANDER 530 W. WEBB AVENUE BURLINGTON 27215	PD 001 AC 919 228-8316	JOHNSTON, HARVEY WYLIE 101 W. T. HARRIS BLVD. CHARLOTTE 28213	U 060 A AC 704 547-1392
JENKINS, ALBERT MILTON 400 SCOTLAND ST. RALEIGH 27609	ID /IM 060 A AC 919 787-4754	JOHNSON, DONALD CARL P. O. BOX 699 WASHINGTON 27889	OPH 007 P AC 919 946-3111	JOHNSTON, JAMES WILLIAM KERNODLE CLINIC BURLINGTON 27215	OBG 001 AC 919 227-3621
JENKINS, JOSEPH MCKENDRIE 604 E. 12TH STREET WASHINGTON 27889	R 092 A AC 919 946-0136	JOHNSON, DONALD GENE 2212 DELANEY AVENUE WILMINGTON 28403	R/NR 065 A AC 919 383-7070	JOHNSTON, JOHN GARDNER 1700 ABBEY PLACE CHARLOTTE 28209	PD 060 A AC 704 523-7232
JENKINS, LARRY PARKER 121 YADKIN STREET ALBEMARLE 28001	U 007 A AC 919 946-0136	JOHNSON, GALE DENNING 119 LUCKNOW SQUARE DUNN 28334	GS 043 AC 919 892-7893	JOHNSTON, WILLIAM ELLIOTT 300 S. HAWTHORNE RD. WINSTON-SALEM 27103	AN 034 AC 919 748-3613
JENKINS, SAMUEL GATLIN, JR. 1142 N. ROAD STREET ELIZABETH CITY 27909	OPH 084 A AC 704 983-1102	JOHNSON, GEORGE, JR. UNC. DEPT. OF SURGERY 229-H CHAPEL HILL 27514	VS /CDS 032 A AC 919 966-3391	JOHNSTON, WILLIAM WEBB BOX 3712, DUMC DURHAM 27710	PTH 032 A P AC 919 684-3587
JENKINS, STANLEIGH EDWARD, JR. 501 HAYES STREET AHOSKIE 27910	GS 070 A AC 919 335-4890	JOHNSON, HARRY WALLACE 104 W. NORTHWOOD STREET GREENSBORO 27401	GYN 041 A AC 919 378-1843	JOHNSTONE, WILLIAM MILLER, JR. 1608 BEAUMONT DR. GREENVILLE 27858	074 A S 919 758-7213
JENNETTE, ALBERT TYSON 1700 S. TARBORO ST. WILSON 27893	U 007 A AC 919 357-1226	JOHNSON, HEBER WELLINGTON 417 BRADLEY CREEK POINT WILMINGTON 28403	OBG /GS 065 A L 919 256-2040	JOLLY, BRANTLEY TILMAN, JR. 101 HOMESTEAD RD. APT. 804 CHAPEL HILL 27514	GS 034 A S 919 967-0970
JENNINGS, ANGELA L. 1725-B FRANCISCAN TERR. WINSTON-SALEM 27107	OBG 013 A AC 704 786-1115	JOHNSON, HENRY WESLEY 3175 MAPLEWOOD AVENUE WINSTON-SALEM 27103	PD 034 A AC 919 768-7030	JOLLY, THOMAS LYNN 1500 W. ACADEMY ST. WINSTON-SALEM 27103	FP 034 A R 919 727-0550
JENNINGS, JOHN LEE, JR. BOX 1399, 1100 E. ASH ST. GOLDSBORO 27533	ORS 098 A AC 919 291-1300	JOHNSON, JAMES ALFRED 606 N. ELM ST. HIGH POINT 27262	NS 040 A AC 919 889-8877	JOLLY, WILLIAM OSCAR, III 320 YADKIN STREET ALBEMARLE 28001	FP 084 A AC 704 982-9144
	034 A S 919 788-4844	JOHNSON, JAMES C. RD-2 BOX 771 DANVILLE, PA 17821	DR 000 A R 717 275-2178	JONAS, JAROSLAV GEORGE 20 BEAVERBROOK ROAD ASHEVILLE 28804	ORS 011 A AC 704 255-0510
	D 096 A AC 919 734-0944	JOHNSON, JAMES CLARE 101 WILDWOOD DR. MORGANTON 28655	P 012 A AC 704 433-2564		

JONES, ALBERT MCCRAY ROUTE #5, BOX 14 WASHINGTON 27889	OBG 007 AC 919 946-6544	JONES, MARTIN E. CHURCH BUILDING GRANITE FALLS 28630	GP 014 A P AC 704 396-1112	JOYCE, CHARLES WELDON 401 W. DECATUR ST. MADISON 27025	GP 079 AC 919 458-9618
JONES, BILLY ERNEST ECU DEPT. OF MEDICINE GREENVILLE 27834	D 074 A AC 919 551-2555	JONES, MARY MCKEEL BRANCH'S ESTATES, BOX 76 GREENVILLE 27834	FP 023 A R 919 756-6398	JOYCE, DONALD GEORGE 3535 RANDOLPH ROAD, SUITE 103 A CHARLOTTE 28211	ORS 060 AC 704 365-2111
JONES, CHAMP MCMILLIAN, JR. 2805 LYNTHURST AVE. WINSTON-SALEM 27103	FP 034 AC 919 768-8890	JONES, MICHAEL CHARLES 835 FLEMING STREET HENDERSONVILLE 28739	GS 045 A AC 704 692-0238	JOYCE, GEORGE WILLIAM 624 QUAKER LANE, SUITE 213-B HIGH POINT 27262	IM /NEP 040 A AC 919 883-4131
JONES, CHRISTOPHER 408 ROTARY AVE. GREENVILLE 27858	074 A S 919 752-5110	JONES, MORRIS ALEXANDER, JR. 3643 N ROXBORO ST. DURHAM 27704	R 032 A AC 919 471-3411	JOYNER, GEORGE WILLIAM 375 LEXINGTON ROAD ASHEBORO 27203	GS 076 A L/RT 919 625-6465
JONES, CLARA ISELEY 815 S. FIFTH ST. MEBANE 27302	GP 001 L/RT 919 563-1080	JONES, NORMAN NESBETH P. O. BOX 21886 GREENSBORO 27420	GP /GE 041 A AC 919 274-0097	JOYNER, RAYMOND EDWARD 923 BROAD STREET DURHAM 27705	U 032 A AC 919 286-1297
JONES, CLAYTON JOE 107 COUNTRY CLUB DRIVE CONCORD 28025	GYN 013 A AC 704 786-7158	JONES, O. HUNTER 232 PERRIN PLACE CHARLOTTE 28207	OBG 060 A L 704 333-0455	JOYNER, RONNIE STEPHEN 3631 WEDGEWOOD DRIVE NEW BERN 28560	OBG 025 A AC 919 633-3942
JONES, COLIN DOUGLAS ACADEMY STREET AHOSKIE 27910	FP 008 A AC 919 332-6138	JONES, ROBERT BOYD 2311 DELANEY ROAD WILMINGTON 28403	OTO 065 A AC 919 762-8754	JOYNER, SAMUEL BALFOUR 200 E. NORTHWOOD STREET GREENSBORO 27401	IM 041 A P AC 919 274-7609
JONES, CONSTANCE CARPENTER 415 PRINCE CROSSING 0-5 WEST CHICAGO, IL 60185	032 A S 919 968-0023	JONES, ROBERT S., JR.-BOBBY 113 GROVER STREET SHELBY 28150	FP 023 A AC 704 487-5228	JOYNER, WILLIAM STAFFORD 1001 S. HAMILTON ROAD CHAPEL HILL 27514	FP 032 A AC 919 968-4551
JONES, CRAIG S. 4051 GULFSHORE BLVD. N'PH-205 NAPLES, FL 33940	GS 023 A L 813 261-5609	JONES, ROBERT SPURGEON 113 GROVER STREET SHELBY 28150	FP 023 A AC 704 487-5228	JUENGEL, PAUL H., III 1206 VAUGHN RD. BURLINGTON 27215	OTO /PSF 001 A AC
JONES, DAVID CRAVEN 202 S. FIFTH STREET MEBANE 27302	FP 001 A AC 919 563-9341	JONES, SARA THOMPSON 321 BANBURY ROAD WINSTON-SALEM 27104	AN 034 A P AC 919 768-8987	JUER, ROBERT CRAIG TELECOM DR. CREEDMOOR 27522	FP 039 A AC 919 528-1535
JONES, DAVID HERMAN 3900 BROWNING PLACE RALEIGH 27609	OPH 092 AC 919 787-2758	JONES, STEPHEN WATSON BRANCH'S ESTATES, BOX 76 GREENVILLE 27834	FP 023 A R 919 756-6398	JULIAN, JESSE STEPHENS, JR. 614 BELLVIEW ST. WINSTON-SALEM 27103	A R 919-760-2866
JONES, DAVID RAY 1046 E. ROCK SPRING RD. GREENVILLE 27834	074 A S 919 758-0812	JONES, THADDEUS LEROY 3333 SILAS CREEK PARKWAY WINSTON-SALEM 27103	PTH /HEM 034 A P AC 919 773-3840	JURIVICH, DONALD ALBERT 508 FULTON ST. DURHAM 27710	IM /GER 032 A R 919 286-0411
JONES, DENNIS EBLEN DARNELL ECU SCHOOL OF MEDICINE GREENVILLE 27858	OBG 074 AC 919 551-4610	JONES, THOMAS THWEATT 1202 ARNETT DURHAM 27707	GP 032 A L/RT 919 489-2115	JUST, PETER WITHAM ROUTE #3, BOX 157 CHAPEL HILL 27514	AN 032 A R 919 929-9630
JONES, DONNIE HUE, JR. P. O. BOX 158 PRINCETON 27569	GP 051 A AC 919 936-5171	JONES, WILLIAM ROBERT 600 SUNSET AVENUE ROCKY MOUNT 27801	GP 064 A AC 919 446-4921	JUSTA, SAMUEL HARRY 3546 S. OCEAN BOULEVARD PALM BEACH, FL 33480	GP 064 A L
JONES, FRANK COLLINS, JR. KILIMANJARO MED. CTR THE GOOD SAMARITAN FOUNDATION MOSHI, TANZANIA, E.AFRICA	GS 050 H 704 586-6665	JONNALAGADDA, M. RAO CHERRY HOSPITAL CALLER BOX 8000 GOLDSBORO 27530	P /PH 096 A P AC 919 731-3206	JUSTIS, HOMER RODEHEAVER 1012 KINGS DRIVE CHARLOTTE 28283	U 060 A AC 704 334-6449
JONES, FRANKLIN D. 125 MOYE BLVD. GREENVILLE 27834	NS 074 A AC 919 551-5156	JORDAN, BARBARA MOORE 207 W. 29TH STREET LUMBERTON 28358	P 078 A AC 919 738-5261	KAASA, LAURIN JUUL 3000 NEW BERN AVENUE RALEIGH 27610	PTH 092 A L 919 755-8260
JONES, GREGORY LEE 2104 HERMITAGE RD. WILSON 27893	FP 098 A AC 919 238-2407	JORDAN, CHARLES DANIEL PO BOX 652 BETHEL 27812	FP 074 A L 919 551-6841	KABASAN, DENNIS CLARK 1951 S. HORNER BLVD. SANFORD 27330	IM 053 AC 919 774-4123
JONES, HARVEY MICHAEL ROUTE #3, BOX 25W HENDERSON 27536	PTH /CLP 091 AC 919 492-4477	JORDAN, HENRY DAVIDSON P. O. BOX 9000 WILMINGTON 28402	PTH 065 A P AC 919 343-7074	KABLE, KELVIN DUANE 927 BURRAGE ROAD CONCORD, ND 28025	AM /OM 013 A AC 704 788-5110
JONES, J. WESLEY 1314 MEDICAL DR., STE. 102 FAYETTEVILLE 28304	GE /IM 026 A P AC 919 323-2477	JORDAN, LYNDON KIRKMAN P. O. BOX 760 SMITHFIELD 27577	FP 051 A AC 919 934-7687	KADYK, JAN MARC 30 DOCTOR'S PARK BOONE 28607	ORS 095 A AC 704 264-1100
JONES, JAMES BUCKNER 3535 RANDOLPH ROAD CHARLOTTE 28211	IM /PUD 060 A AC 704 365-0760	JORDAN, RICHARD DORN 7 PINETREE ROAD SALISBURY 28144	R 080 A AC 704 633-1022	KAHL, FREDERIC ROSS 300 S. HAWTHORNE RD. WINSTON-SALEM 27103	CD /IM 034 A AC 919 748-4261
JONES, JAMES DAVID BOX 3115, DUMC DURHAM 27710	CHP /PD 032 AC 919 684-2372	JORDAN, RICHARD LIMING 2608 N. ELM STREET LUMBERTON 28358	FP 078 A AC 919 738-9381	KAHN, JOSEPH WILLIAM P. O. BOX 147 FRANKLIN 28734	FP 056 L/RT 704 524-4427
JONES, JAMES DAVID, II 321 BANBURY ROAD WINSTON-SALEM 27104	AN 034 A AC 919 773-3259	JORDAN, RILEY MOORE 116 CAMPUS AVENUE RAEFORD 28376	FP 047 A AC 919 875-5151	KAHN, ROBERT CHARLES 416 CIRCLE DRIVE AHOSKIE 27910	GS 008 A AC 919 332-2244
JONES, JAMES GRADY P. O. BOX 1846 GREENVILLE 27835	FP 074 A P AC 919 551-2600	JORDAN, ROBERT CALHOUN, JR. P. O. BOX 1007 SANFORD 27330	R 053 A P AC 919 776-1210	KAHN, ROBERT HOWARD 1072 X-RAY DR. PO BOX 3598 GASTONIA 28053	D 036 AC 704 864-8386
JONES, JAMES MARSHALL, JR. 1225 E. FIFTH STREET WINSTON-SALEM 27101	IM 034 AC 919 725-7362	JORDAN, THOMAS E. 39 GEORGETOWN COURT DURHAM 27705	OTO 032 A R 919 684-6968	KALAYJIAN, ROBERT WAYNE DUMC, DEPT. OF AN, BOX AA3061 DURHAM 27710	AN 032 A AC 919 684-5265
JONES, JEFFREY DAVID 1205 GREENBRIAR COURT WILSON 27893	GE /IM 098 A AC 919 291-7001	JORDAN, WELDON HUSKE 114 BROADFOOT AVENUE FAYETTEVILLE 28305	IM 026 A AC 919 484-3261	KALDY, PATRICIA MARIE P. O. BOX 1058 MOUNT PLEASANT 28124	FP 013 A AC 704 436-6521
JONES, JERRY ANTHONY 2021 E. 7TH ST. CHARLOTTE 28204	IM /GE 060 AC 919 983-3113	JORDAN, WILLIAM RAND 1786 METROMEDICAL DRIVE FAYETTEVILLE 28304	U 026 A AC 919 485-8151	KALINA, KENT MICHAEL 2915 PROVIDENCE RD., STE. 400 CHARLOTTE 28211	P 060 A AC 704 376-2810
JONES, JOSEPH KEMPTON 1001 S. HAMILTON ROAD CHAPEL HILL 27514	FP 032 A P AC 919 968-4551	JORIZZO, JOSEPH L. 300 S. HAWTHORNE RD. DEPT. OF DERMATOLOGY WINSTON-SALEM 27103	D 034 A AC 919 748-2768	KALLIANOS, JOHN ANDREW 4800 UNIVERSITY DR. 23M DURHAM 27707	032 A R 919 493-4308
JONES, JOSEPH REID, JR. P. O. BOX 387 KING 27021	GP 034 A AC 919 983-3113	JOSEPH, MICHAEL C. 5716 GENESSEE DR. DURHAM 27712	PD 032 AC 919 471-3278	KALLMAN, HAROLD ECU DEPT. OF FAMILY MEDICINE GREENVILLE 27834	FP /GER 074 A AC 919 551-2597

KAMM, RICK RANDE 3805 COMPUTER DR. RALEIGH 27609	OBG 092 A AC 919 781-6200	KAUFMAN, MICHAEL DAVID 126 COTTAGE PLACE CHARLOTTE 28207	N/GPM 060 A AC 704 334-7311	KELLING, DOUGLAS GEORGE, JR. IM /PUD 013 68 LAKE CONCORD ROAD, N. E. A P AC CONCORD 28025 704 782-3135
KAMP, MAURICE ARTHUR 1400 DREXEL PLACE CHARLOTTE 28209	PH /GPM 060 A 704 525-3468	KAYE, DOUGLAS EVAN 1900 QUEEN ST. APT. A3 WINSTON-SALEM 27103	A S 919 724-6289	KELLY, DAVID L., JR. NS 034 BOWMAN GRAY-NEUROSURGERY A AC WINSTON-SALEM 27103 919 748-4049
KANDL, LOUIS CHARLES 331 N. FIRST ST. ALBEMARLE 28001	IM /ID 084 AC 704 982-2189	KAYE, PAUL THOMAS 325 N. SALISBURY ST. RALEIGH 27611	P/CHP 092 AC 919 733-7011	KELLY, JAMES REGINALD IM 032 306 S. GREGSON STREET A AC DURHAM 27701 919 682-5561
KANE, RICHARD DOUGLAS 390L COMPUTER DR. WAKE UROLOGICAL RALEIGH 27609	U 092 A AC 919 781-5104	KEAGY, BLAIR ALLEN UNC, 108 BURNETT-WOMACK 229-H CHAPEL HILL 27514	TS /CDS 032 A AC 919 966-3381	KELLY, JEFFREY EM /AN 034 406 CLIFFDALE DR. A R WINSTON-SALEM 27104 919 768-8280
KANG, JOON P. O. BOX 218, MAIN STREET BAILEY 27807	FP 098 AC 919 235-4181	KEARNEY, THOMAS 5004 OCEAN DRIVE EMERALD ISLE 28557	067 A AC OBG 049 AC 704 872-6389	KELLY, JOHNSON HALL U 023 1306 VISTA DRIVE A AC SHELBY 28150 704 482-2011
KANICH, ROBERT EMIL 4420 LAKE BOONE TRAIL RALEIGH 27607	PTH 092 A AC 919 755-3057	KEARNS, PAUL RUTHERFORD 750-H HARTNESS ROAD STATESVILLE 28677	D/A 036 A AC 704 867-0773	KELLY, LUTHER W., JR. END /NM 060 1350 S. KINGS DR. A * AC CHARLOTTE 28207 704 372-8750
KANNON, GEORGIA ANN 114-A HUNTING RIDGE RD. GREENVILLE 27834	A S 919 758-2940	KEATHLEY, FRANKLIN BURR 224 NEW HOPE ROAD GASTONIA 28052	S 919 722-0875	KELLY, RICHARD BRUCE FP 011 5-7 DOCTOR'S PARK AC ASHEVILLE 28801 704 258-0670
KANOF, ELIZABETH PASCHER 3400 EXECUTIVE DRIVE RALEIGH, N. C. 27609	D 092 A P * AC 919 878-0310	KEATING, ROBERT JOSEPH 300 S. HAWTHORNE RD. WINSTON-SALEM 27103	034 S IM 013 AC 704 782-3135	KELLY, ROBERT GEORGE FP 034 2805 LYNDBURST AVENUE AC WINSTON-SALEM 27103 919 768-8890
KAPLAN, DAVID LOUIS 3064-A COLONY RD. DURHAM 27705	D/IM 032 R 919 489-1106	KEEL, JAMES FRANKLIN, III 68 LAKE CONCORD ROAD, N. E. CONCORD 28025	ORS 079 A * AC 919 342-6116	KELLY, WILLIAM SHERWOOD FP 034 116 S. MAIN ST. A AC KERNERSVILLE 27284 919 993-2224
KAPLAN, JEFFREY MARK ONSLow MEMORIAL HOSPITAL P. O. BOX 1358 JACKSONVILLE 28541	R 067 P AC 919 577-2345	KEELING, J. WAYNE 307 W. MOREHEAD STREET REIDSVILLE 27320	NEP /IM 092 AC 919 782-3378	KELSH, JAMES MICHAEL GS 033 101 CLINIC DRIVE A AC TARBORO 27886 919 823-2105
KAPLAN, RICHARD DAVID 408 PARKWAY DR. GREENSBORO 27401	OBG 041 A P AC 919 378-1110	KEENER, JOSEPH KEITH 101 DURYER COURT CARY 27511	OBG 026 A AC 919 323-2103	KEMPNER, WALTER IM 032 BOX 3099, DUMC A L/RT DURHAM 27710 919 684-2675
KAPLAN, TODD M. 1315 MORRENE RD. 3-A DURHAM 27705	A S 919 383-3735	KEENEY, GLENWARD THOMAS 1219 WALTER REED ROAD FAYETTEVILLE 28304	PD /ID 092 A AC 919 248-2568	KEMPTON, LEO V. P 016 710 ARENDELL ST. AC PO BOX 3632 MOREHEAD CITY 28557 919 247-6160
KAPLOWITZ, GARY L. RUIN CREEK ROAD MEDICAL SERVICE BLDG. HENDERSON 27536	ORS 091 A P AC 919 438-3186	KEENEY, RONALD ERIC 5 MOORE DR., GLAXO, INC. RESEARCH TRIANGLE PK 27709	OTO 040 A AC 919 883-1366	KENAN, LEROY FULTON FP 092 3801 COMPUTER DRIVE AC RALEIGH 27609 919 787-0302
KAPORDELIS, GREGORY C. 3319-L CIRCLE BROOK DR. SW ROANOKE, VA 24014	PDS /GS 034 A S 703 774-4675	KEEVER, RICHARD ALAN 624 QUAKER LN., STE. 301-D HIGH POINT 27262	IM 013 A * AC 704 782-1101	KENAN, PATRICK DAN OTO 032 DUKE, DIV. OF OTOL. A * AC DURHAM 27710 919 684-5238
KARAM, MICHAEL GUSTANDI 3801 COMPUTER DR., STE. 212 RALEIGH 27609	IM /ON 092 AC 919 781-2643	KEIPPER, VINCENT LEE MCCALLA 56 ARDSLEY AVENUE, N. E. CONCORD 28025	FP 034 A AC 919 748-2251	KENDALL, BENJAMIN HORTON CD 023 315 WESTFIELD RD. L/RT SHELBY 28150 704 487-7208
KARB, KENNETH SAMUEL 1007 PROFESSIONAL VILLAGE GREENSBORO 27401	ON /IM 041 AC 919 272-2141	KEITH, JULIAN FAISON, JR. BOWMAN GRAY-FAMILY MED. WINSTON-SALEM 27103	CD 034 A AC 919 768-0437	KENDALL, JOHN HAROLD GP 082 715 STEWART AVENUE A L CLINTON 28328 919 592-2161
KARIS, JOANNES HUBERTUS BOX 3071, DUMC DURHAM 27710	AN 032 A * AC 919 681-6944	KEITH, THEODORE ALLEN 2810 MAPLEWOOD AVE. WINSTON-SALEM 27103	032 A S 919 493-1678	KENDRICK, PAUL WAYNE NEP /IM 074 6 DOCTORS PARK A P AC STANTONSBURG ROAD GREENVILLE 27834 919 752-8880
KASH, STEPHEN LEE 1120 MEDICAL CENTER DRIVE WILMINGTON 28401	OPH 065 A AC 919 763-7316	KEITHAHN, STEPHEN TIMOTHY BOX 2760, DUMC DURHAM 27710	GS 011 A L/RT 704 254-1835	KENNEDY, CHARLIE LEE PD 034 501 N. CLEVELAND AVE. A AC WINSTON-SALEM 27101 919 725-0514
KASIK, LEE 215 MANCHESTER PL. GREENSBORO 27410	AN 041 AC 919 299-6343	KELEHER, MICHAEL FRANCIS 18 MAYWOOD ROAD ASHEVILLE 28804	IM 060 A AC 704 334-1086	KENNEDY, REBECCA S. 032 315-A BLUERIDGE RD. A R CARRBORO 27510 919 929-9861
KASTNER, ROBERT JEFFREY RT. #1, BOX 229 NAGS HEAD 27959	FP /EM 070 A AC 919 441-7111	KELEMEY, WILLIAM ARTHUR 1928 RANDOLPH ROAD CHARLOTTE 28207	ORS 060 A AC 704 377-0351	KENNEDY, THOMAS FRANCIS R 011 P. O. BOX 2959 A AC ASHEVILLE 28802 704 254-4617
KATARIA, SUDESH ECU DEPT. OF PEDIATRICS GREENVILLE 27834	PD 074 AC 919 551-2535	KELLAR, DONALD SWIFT, JR. 120 PROVIDENCE ROAD CHARLOTTE 28207	034 S 919 748-8318	KENNEDY, WILLARD LEE CD /IM 092 3400 EXECUTIVE DR., STE. 201 A P AC RALEIGH 27609 919 872-8920
KATARIA, YASH PAL ECU DEPT. OF MEDICINE GREENVILLE 27834	PUD /IM 074 A AC 919 551-4653	KELLER, LISA COLLIER BOWMAN GRAY SCH. OF MED. STUDENT BOX 100 WINSTON-SALEM 27103	CDS 011 A P AC 704 258-1121	KENNEY, RICHARD DREW PD /ADL 060 1000 BLYTHE BLVD. A AC PO BOX 32861 CHARLOTTE 28234 704 338-3156
KATH, PHILIP DOUGLAS 335 E. PARKER ROAD MORGANTON 28655	DPH 012 AC 704 433-6220	KELLER, CHARLES AUGUSTUS, JR. 257 MCDOWELL STREET ASHEVILLE 28803	GS 060 AC 704 364-2500	KENNY, JEAN BRYCE FELTY PD /ID 074 ECU DEPT. OF PEDIATRICS AC GREENVILLE 27858 919 551-2511
KATZ, EDWARD KENNETH ECU SCHOOL OF MEDICINE GREENVILLE 27858	P/PYM 074 A AC 919 551-2663	KELLER, GUY OTIS 3535 RANDOLPH RD., STE. 200-A CHARLOTTE 28211	NS 018 A AC 704 327-4818	KEPLEY, MICHAEL AVERY OBG 049 750-H HARTNESS RD. AC STATESVILLE 28677 704 872-6389
KATZ, JEFFREY DAVID 721 GREEN VALLEY RD. GREENSBORO 27408	CD /IM 041 A P AC 919 378-0774	KELLEY, JOHN SIMPSON 3100 BLUE RIDGE RD. RALEIGH 27607	IM /CD 092 A AC 919 781-7500	KEPPLER, C. BURTON AN 045 334 BROOKSIDE CAMP RD. A AC HENDERSONVILLE 28739 704 692-8688
KATZ, SAMUEL LAWRENCE BOX 2925, DUMC DURHAM 27710	PD /ID 032 AC 919 684-3734	KELLEY, THOMAS FRANCIS 320 YADKIN STREET ALBEMARLE 28001	FP 084 A AC 704 982-9144	KERANEN, VICTOR JOSEPH NS 026 3314 MELROSE ROAD, SUITE 104 A P AC FAYETTEVILLE 28304 919 484-9802
KAUFMAN, DAVID GORDON UNC, DEPT. OF PATHOLOGY CHAPEL HILL 27514	PTH 032 AC 919 966-1396	KELLEY, TIMOTHY FRANCIS 448 S. HAWTHORNE RD. WINSTON-SALEM 27103	034 A S 919 722-5371	KERBY, GRACE PARDRIDGE RHU 032 164 N. W. 18TH COURT A L/RT MIAMI, FL 33125
KAUFMAN, JEFFREY 311 S. LASALLE ST. APT. 50B DURHAM 27705	032 A S 919 286-3719			

KERLEY, ROGER KENNY	IM 086	KILGORE, LARRY CHARLES	FP 026	KINLAW, WM. K., JR.	NS 000
708 S. SOUTH STREET	A AC	1430 BERKSHIRE RD.	A AC	370 WINN WAY	A AC
P. O. BOX 1547		FAYETTEVILLE 28304		DECATUR, GA 30030	404 292-4612
MOUNT AIRY 27030	919 786-6146	KILLAM, ALLEN PAGE	OBG /NPM 032	KINNAIRD, PAUL MCKEE, JR.	PD 064
KERMON, LOUIS TODD	IM /CD 092	4044 NOTTAWAY	A AC	101 NASH MEDICAL ARTS MALL	* AC
2708 PEACHTREE ST.	L/RT	DURHAM 27707	919 684-2876	ROCKY MOUNT 27804	919 443-8820
RALEIGH 27608	919 782-2333	KILLIAN, JOHN HUME	OPH 011	KINNE, EDMUND RICHARD	OBG 045
KERNODLE, CHARLES EDWARD, JR.	GS 001	276 E. CHESTNUT STREET	A * AC	6007 PERCIVAL RD., #1257	AC
603 ISLEY PLACE, APT. D	A L/RT	ASHEVILLE 28801	704 255-8978	COLUMBIA, SC 29206	803 782-7727
BURLINGTON 27215	919 226-4598	KILPATRICK, WILBUR KIRBY, JR.	OBG 063	KINNEY, ROBERT BRUCE	PTH 032
KERNODLE, DONALD REED	OPH /OTO 001	P. O. BOX 2000	A AC	BOX 3712, DUMC	A R
KERNODLE CLINIC	A AC	PINEHURST 28374	919 295-1391	DURHAM 27710	919 684-3300
BURLINGTON 27215	919 227-3621	KIM, KYUNG-HWAE	OBG 007	KINNEY, STEPHEN LEIGH	034
KERNODLE, DWIGHT TALMADGE	IM 001	P. O. BOX 190	A AC	130 LIONHEAD COURT	A S
KERNODLE CLINIC	A * AC	PLYMOUTH 27962	919 793-1194	BALTIMORE, MD 21237	301 574-1523
BURLINGTON 27215	919 227-3621	KIM, SARAH	AI 026	KIRK, CHARLES DAYTON	AN 092
KERNODLE, GEORGE W., JR.	RHU /IM 001	1317 MEDICAL DR. STE. #3	A P AC	RALEIGH ANESTHESIA ASSOC.	A AC
316 N. GRAHAM-HOPEDALE RD.	A AC	FAYETTEVILLE 28304	919 323-3890	P. O. BOX 18139	
BURLINGTON 27215	919 227-3621	KIM, TONG SU	P 018	RALEIGH 27619	919 872-4800
KERNODLE, GEORGE WALLACE	PD 001	612 THIRD AVENUE, NE	A P AC	KIRKLAND, JOHN ALVIN	OBG 098
MEDICAL CTR PHARMACY BLDG	* AC	HICKORY 28601	704 324-9900	1700 S. TARBORO ST.	A * AC
BURLINGTON 27215	919 226-7608	KIM, WILLIAM NO CHUN	OBG /OM 026	WILSON 27893	919 291-9010
KERNODLE, HAROLD BARKER, JR.	ORS 001	1317 MEDICAL DR. STE. #3	A AC	KIRKLEY, MARGARET ANNE	FP 045
316 N. GRAHAM-HOPEDALE RD.	AC	FAYETTEVILLE 28304	919 323-3890	518 SIXTH AVENUE, WEST	AC
BURLINGTON 27215	919 227-3621	KIM, YOUNG CUE	IM 092	HENDERSONVILLE 28739	704 697-7805
KERNODLE, JOHN ROBERT	GYN 001	209 W. MILLBROOK ROAD	A AC	KIRKLEY, SIDNEY EUGENE	IM 045
2465 EDGEWOOD AVE.	A P L/RT	RALEIGH 27609	919 781-5933	518 SIXTH AVENUE, WEST	A AC
BURLINGTON 27215	919 584-7075	KIMBERLY, GEORGE DOUGLAS	FP 034	HENDERSONVILLE 28739	704 697-7805
KERR, COLIN PAUL	FP /LM 074	PO BOX 1047	A AC	KIRKMAN, PAUL MADISON	CD /IM 049
ECU SCHOOL OF MEDICINE	A AC	MOCKSVILLE 27028	704 634-1124	740 BRYANT ST.	A AC
PO BOX 1846		KIMBRELL, ODELL C., JR.	IM /END 092	STATESVILLE 28677	704 872-8147
GREENVILLE 27835	919 551-4611	240 BRYAN BUILDING	A AC	KIRKPATRICK, JOHN STEWART	032
KERR, ROBERT MORTON	GE /IM 034	RALEIGH 27605	919 828-6393	704 W. CORNWALLIS RD.	R
BOWMAN GRAY, DEPT. OF MED.	AC	KIMBROUGH, HOUSTON MAGILL, JR.	U/GS 041	DURHAM 27707	919 493-6525
WINSTON-SALEM 27103	919 748-4602	1025 PROFESSIONAL VILLAGE	A P AC	KIRKSEY, WILLIAM ALBERT	GP 012
KESLER, ARCHIE DEAN, JR.	OBG 053	GREENSBORO 27401	919 272-3962	302 S. KING STREET	L/RT
109-A S. VANCE STREET	A AC	KINARD, JAMES DONALD	074	MORGANTON 28655	704 437-1850
SANFORD 27330	919 775-2304	33 WEST HILLS TOWNHOMES	A S	KIRSCH, MARK	TR 060
KESLER, JAMES L.	OPH 065	GREENVILLE 27834	919 852-6384	3041 VALENCIA TERRACE	P AC
1120 MEDICAL CENTER DRIVE	A * AC	KINDSCHUH, PETER MICHAEL	OBG 024	CHARLOTTE 28211	704 371-4189
WILMINGTON 28401	919 763-7316	BALDWIN WOODS	AC	KISER, JEFFERSON B., JR.	N 041
KESSLER, J. PATRICK	ORS 018	WHITEVILLE 28472	919 642-6848	1910 N. CHURCH ST.	A AC
912 SECOND ST., NE	A P AC	KING, DANA EDWIN	FP 008	GREENSBORO 27405	919 273-2511
HICKORY 28601	704 324-2800	PO BOX 297	A AC	KITCHEN, THOMAS WARD, JR.	FP 067
KEY, STEVEN PAUL	034	GATESVILLE 27938	919 357-1226	410 NEW BRIDGE ST. APT. 10-A	A P AC
300 S. HAWTHORNE RD., BOX 374	A * S	KING, DUNCAN INGRAHAM C.	FP 045	JACKSONVILLE 28540	919 347-1788
WINSTON-SALEM 27103	919 777-0769	506 7TH AVENUE, WEST	A L	KITCHENS, THOMAS RUSSELL	PS 041
KEYES, KENNETH SHOCKLEY	OTO /HNS 034	HENDERSONVILLE 28739	704 693-5331	1507 WESTOVER TERR., STE. A	A * AC
1420 PLAZA DRIVE	A * AC	KING, FRANCIS PARKER	IM 025	GREENSBORO 27408	919 373-0566
WINSTON-SALEM 27103	919 765-4922	210 WILSON POINT	A RT	KITCHIN, ALVIN PAUL, JR.	FP 090
KEYSERLING, THOMAS CHARLES	IM 093	NEW BERN 28560	919 637-5411	1404 E. FRANKLIN STREET	AC
542 W. RIDGEWAY ST.	A R	KING, GLENDALL LEE	ORS 036	MONROE 28110	704 289-8724
WARRENTON 27589	919 257-3141	902 COX ROAD, SUITE A	A * AC	KITCHIN, TINA CIESIEL	PD 092
KHAN, MUSHTAQ HUSSAIN	GS /GP 010	GASTONIA 28054	704 865-6487	DEVELOP. EVALUATION CTR.	AC
ROUTE #3, BOX 23	A AC	KING, HARRY LEE	OTO /HNS 018	321 ASHE AVE.	
SUPPLY 28462	919 754-8115	PO BOX 2186	A AC	RALEIGH 27609	919 782-0341
KHATRI, DAVE	IM /GER 011	HICKORY 28603	704 322-5120	KITTINGER, JOSEPH WILLIAM, III	GE 065
549 MERRIMON AVENUE	AC	KING, JAMES LEROY	AN 092	1202 MEDICAL CENTER DR.	A AC
ASHEVILLE 28801	704 253-5685	2700 KINGSLEY RD.	A P * AC	WILMINGTON 28401	919 341-3345
KHOSHNEVIS, PARVIZ	OBG 077	RALEIGH 27612	919 833-5085	KITTNER, PHILIP JOEL	OBG 011
PO BOX 1715	A AC	KING, JOHN TALBERT	PD /CD 001	80 VICTORIA ROAD	A AC
ROCKINGHAM 28379	919 997-3151	404 EDINBURGH DR.	A RT	ASHEVILLE 28801	704 255-8900
KICHERER, HARRY JAY	R 063	BURLINGTON 27215	919 226-5197	KIZEN, PAUL ANDREW	OBG 070
885 ST. ANDREWS DR.	A P AC	KING, JOSEPH JOHN, JR.	ORS 090	1142 N. ROAD STREET	A AC
PINEHURST 28374	919 295-1706	701 ROOSEVELT BLVD., BLDG. 600	A AC	ELIZABETH CITY 27909	919 335-2061
KIFFNEY, GUSTIN THOMAS, JR.	OPH 032	MONROE 28110	704 289-4595	KLEIN, ALAN	DR 034
1106 HILLDALE ROAD	A AC	KING, LOWELL RESTELL	U/PD 032	631 LICHFIELD ROAD	A AC
DURHAM 27705	919 286-9663	BOX 3831, DUMC	A AC	WINSTON-SALEM 27104	919 748-4316
KIHLESTROM, BRUCE LEE	NS /GS 032	DURHAM 27710	919 684-6994	KLEIN, DEYSY MARTINEZ	AN 060
1830 HILLDALE ROAD	A * AC	KING, MICHAEL BRIAN	CD /IM 054	1901 RANDOLPH RD.	A AC
DURHAM 27705	919 383-5531	313 AIRPORT ROAD	AC	CHARLOTTE 28207	704 375-5126
KILBRIDE, KEVIN ANTHONY	P/GP 012	KINSTON 28501	919 522-2578	KLEIN, ROBERT EDWARD	BLB 034
BOX 114, BROUGHTON HOSPITAL	A AC	KING, MICHAEL EUSTERMAN	ORS 034	650 COLISEUM DRIVE	A AC
MORGANTON 28655	704 433-2476	3111 MAPLEWOOD AVE.	AC	WINSTON-SALEM 27106	919 725-4346
KILBY-SIMPSON, MARTHA ANN	034	WINSTON-SALEM 27103	919 768-4110	KLEIN, STEVEN RUSSELL	IM 034
420 BRIARLEA RD.	A S	KING, ROBERT THOMAS, III	032	2933 MAPLEWOOD AVENUE	A AC
WINSTON-SALEM 27104	919 768-2403	BOX 2879, DUMC	A S	WINSTON-SALEM 27103	919 765-5250
KILBY, LARRY SHELTON	FP /GER 097	DURHAM 27710	919 493-0267	KLIMAS, JOHN THOMAS	A/PD 060
505 13TH ST.	AC	KING, WALTER LEE	OPH 018	2711 RANDOLPH RD.	AC
LOFLAND BLDG.		PO BOX 2186	A P AC	CHARLOTTE 28207	704 372-7900
NORTH WILKESBORO 28659	919 667-3922	HICKORY 28603	704 322-5120	KLOSTERMYER, BROOKS VAN SLYKE	DR 076
KILEFF, MOYRA ELEANOR	AN 032	KINGERY, DAVID REDDING	ORS 060	113 CEDAR CREEK DR.	A AC
403 CLAYTON ROAD	AC	1350 S. KINGS DR.	A AC	ASHEBORO 27203	919 629-0774
CHAPEL HILL 27514	919 968-0611	CHARLOTTE 28207	704 372-8750	KNEEDLER, WILLIAM HARDING	IM 013
KILEY, JAMES WILLIAM	OPH 092	KINLAW, JAMES BRADY, JR.	FP 076	C/O MR. & MRS. I.B. HUDSON	A L
3320 EXECUTIVE DR.	A P * AC	132-A W. MILLER STREET	A AC	2105 BYRD ST.	
RALEIGH 27609	919 876-2427	ASHEBORO 27203	919 625-1360	RALEIGH 27608	704 782-3236

KNIGHT, EDWARD BERT, III 27TH STREET LUMBERTON 28358	PUD /IM 078 A AC 919 738-7551	KOURI, MOSES LAWRENCE, JR. 6900 FARMINGDALE DR. DECEASED - 3-21-87 CHARLOTTE 28212	FP 060 A AC 704 536-1362	KULP, KENNETH ROBERT 1900 S. HAWTHORNE RD. STE. 358 A WINSTON-SALEM 27103	D 034 AC 919 768-4392
KNISH, EDWARD J., JR. PO BOX 189 MATTHEWS 28105	IM 060 A AC 704 365-0760	KOURI, WILLIAM HERBERT 6900 FARMINGDALE DR. CHARLOTTE 28212	FP 060 A AC 704 536-1362	KUMAR, KAMLESH 108 N. ENGLEWOOD DR. ROCKY MOUNT 27801	PUD /IM 064 AC 919 443-1126
KNOEFEL, ARTHUR EUGENE, JR. 114 MONTREAT RD. PO BOX 875 BLACK MOUNTAIN 28711	FP 011 A L/RT 704 669-8121	KRABILL, LAWRENCE DAVID 1700 S. TARBORO ST. WILSON 27893	IM /RHU 098 A AC 919 291-1300	KUMAR, SATISH KUMAR 108 N. ENGLEWOOD DR. ROCKY MOUNT 27801	PUD /IM 064 AC 919 443-1126
KNOTT, LAWRENCE H., JR. P. O. BOX 1316 KINSTON 28501	GS /CDS 054 A AC 919 522-1626	KRAMER, NORMAN JOHN 3535 RANDOLPH ROAD, STE. 300 CHARLOTTE 28211	IM /END 060 A AC 704 365-0760	KUNKEL, COOPER DAVE, III 802 MCCARTHY BLVD. NEW BERN 28560	OPH 025 A AC 919 633-4183
KNOTT, RUFUS HENRY, II 100 WILLIAMSBURG DRIVE GREENVILLE 27834	OTO /A 074 AC 919 752-5227	KRAMER, STEPHEN IRWIN 250 CHARLOIS BLVD. WINSTON-SALEM 27103	P 034 A AC 919 768-4730	KUNO, RITSU CHALET I, GREENE ST. CHAPEL HILL 27514	IM /ID 032 A S 919 942-4992
KNOX, ANGELINA VINLUAN EDRALIN 2304 DELANEY AVENUE WILMINGTON 28401	PD 065 A AC 919 763-3349	KRAMER, HAL PAUL, LT. MC, USNR 419 BOROS ROAD NEW BERN 28560	FP 000 A R 919 782-3969	KUNSTLING, CARL RICHARD 720 JONES AVENUE KINSTON 28501	EM /GS 054 A AC 919 522-7272
KNUPP, CHARLES LEONARD ECU SCHOOL OF MEDICINE DEPT. OF MEDICINE GREENVILLE 27834	HEM /IM 074 A AC 919 551-2560	KRATZ, ROBERT KEVIN 3000 NEW BERN AVE. RALEIGH 27610	EM /IM 092 AC 919 782-3969	KUNSTLING, TED RICHARD 1212 CEDARHURST DR. RALEIGH 27609	PUD /IM 092 A AC 919 872-4850
KNUTSON, THOMAS MARVIN P. O. BOX 10867 GOLDSBORO 27530	EM /FP 096 AC 919 731-6060	KRAUS, ERIC MARSHALL 321 W. WENDOVER AVENUE GREENSBORO 27408	OTO /HNS 041 A AC 919 379-9445	KURAD, JOSEPH WARD 1202 N. CENTER STREET HICKORY 28601	U 018 A AC 704 322-4340
KOCAC, THEODORE JOSEPH P. O. BOX 11438 CHARLOTTE 28220	FP 060 A P AC 704 553-9474	KRAYBILL, ERNEST NISSLEY UNC. DEPT. OF PEDIATRICS CHAPEL HILL 27514	PD /NPM 032 AC 919 966-5063	KURTEN, LOUIS JOHN 2826 MILLBROOK RD. FAYETTEVILLE 28303	IM /CD 026 A RT 919 484-8058
KOCANIS, CHRIST ALEXATOS 1350 KINGS DRIVE CHARLOTTE 28207	OTO /HNS 060 A AC 704 372-8750	KREDEL, ERNST KARL WILHELM U.S. NAVAL HOSPITAL BOX 8, MCB CAMP LEJEUNE 28542	OM /PH 067 A AC 919 451-2181	KURTZ, ELAM STOLTZFUS P. O. BOX 227 LANSING 28643	FP 005 A AC 919 384-3326
KODACK, ALBERT 34 SUNSET SUMMIT ASHEVILLE 28804	FP /GYN 011 L 704 252-1131	KREEGER, ROBERT A. 112 TAM O'SHANTER DR. ROCKY MOUNT 27804	EM 064 AC 919 443-8172	KURTZ, KEVIN JOHN 2903-D CEDAR CREEK DR. GREENVILLE 27834	A S 919 551-1653
KODROFF, MICHAEL BARRY ECU DEPT. OF RADIOLOGY GREENVILLE 27834	PDR /NM 074 A AC 919 551-4972	KREGE, JOHN WILSON 1505 WESTOVER TERR. GREENSBORO 27408	ORS 041 A AC 919 275-0927	KURTZMAN, HOWARD MARC 604 GREEN VALLEY RD., STE. 412 GREENSBORO 27408	CHP /P 041 A 919 855-0113
KOEHLER, LISA ANN 1521 E. FRANKLIN ST. B-211 FRANKLIN WOODS CHAPEL HILL 27514	032 A S 919 933-7515	KREMERS, SCOTT ALEX 1928 RANDOLPH ROAD, STE. 206 CHARLOTTE 28207	PUD /CD 060 A P AC 704 375-9932	KURZMANN, RICHARD WALTER 2800 BLUE RIDGE BLVD. STE. 206 RALEIGH 27607	OBG 092 AC 919 781-7450
KOGUT, DAVID GENE 1835 DAVIE AVE. STATESVILLE 28677	IM 049 A AC 704 872-2768	KRESHON, MARTIN JOHN 1600 E. THIRD STREET CHARLOTTE 28204	OPH 060 A AC 704 372-3300	KUSHNICK, THEODORE ECU SCHOOL OF MEDICINE GREENVILLE 27834	PD 074 A AC 919 551-2529
KOHLI, ASHA KIRAN 505 PARKWOOD LANE GOLDSBORO 27530	CHP /PD 096 A AC 919 731-3317	KRINGER, ARTHUR FREDERICK P. O. BOX 13005 GREENSBORO 27405	DR 041 A AC 919 379-4141	KUSUMI, YOSHITARO 1004 DRESSER COURT, STE. 106 RALEIGH 27609	ORS 049 A P AC 704 664-1060
KOHUT, ROBERT IRWIN 300 S. HAWTHORNE RD. WINSTON-SALEM 27103	OTO /HNS 034 A AC 919 748-4161	KRISHINGNER, GENE LAVERE ROUTE #8, BOX 81-A HENDERSONVILLE 28739	GS 045 AC 704 693-1729	KUTNER, WILLIAM A., JR. 417 E. STATESVILLE AVE. MOORESVILLE 28115	GYN 049 AC 704 872-6321
KOHUT, WALTER DENNIS 1511 WESTOVER TERRACE GREENSBORO 27408	END /IM 041 A AC 919 373-1054	KROEGER, RICHARD JAMES 1802 OXFORD ROAD KINSTON 28501	GE /IM 054 AC 919 522-0285	KUTTEH, HANNA CONSTANTINE 564 BROOKDALE DRIVE STATESVILLE 28677	HS /ORS 041 A P AC 919 378-0811
KOKIKO, GEORGE VICTOR WAYNE COUNTY HOSPITAL CALLER BOX 8001 GOLDSBORO 27530	PTH /CLP 096 AC 919 735-1530	KROHN, JOHN RAMON 2305 CANTERWOOD DR. WILMINGTON 28401	PS 065 A AC 919 343-0119	KUZMA, GARY ROBERT 409 E. PARKWAY DR. GREENSBORO 27401	IM 041 A AC 919 275-9804
KOMAN, L. ANDREW 300 S. HAWTHORNE RD. WINSTON-SALEM 27103	ORS /HS 034 A AC 919 748-2878	KROLL, LARRY LEROY 53 S. FRENCH BROAD ST. ASHEVILLE 28801	ORS 011 A AC 704 252-7180	KWIATKOWSKI, PETER FRANK 408-B PARKWAY DR. GREENSBORO 27401	PUD /A 032 AC 919 684-3069
KOOKEN, KEITH ROBERT 2915 LYNTHURST AVENUE WINSTON-SALEM 27103	GS 034 A AC 919 765-5221	KRONCKE, FREDERICK GEORGE, JR. 200 NASH MEDICAL ARTS MALL ROCKY MOUNT 27801	OBG 064 A AC 919 443-5941	KYLSTRA, JOHANNES ARNOLD BOX 2958, DUMC DURHAM 27710	074 A S 919 758-1822
KOOMEN, JACOB, JR. 909 DOGWOOD LANE RALEIGH 27607	PH 092 A L/RT 919 834-4355	KROOVAND, ROY LAWRENCE 300 S. HAWTHORNE RD. WINSTON-SALEM 27103	UPD 034 A AC 919 748-4131	LA VIGNE, MARK KINO DOCTOR'S PARK APTS J-2 GREENVILLE 27834	R/FP 060 A AC 704 365-0343
KOON, CRAWFORD BRYAN 2609 N. DUKE ST. DURHAM 27704	DR 032 A P AC 919 471-8411	KRUEGER, ALAN LEE CALEDONIA ROAD P. O. BOX 5534 ASHEVILLE 28813	P 011 A AC 704 253-3681	LACROIX, CAROL ANN 320 YADKIN STREET ALBEMARLE 28001	FP 084 A AC 704 982-9144
KOONTZ, JACK ALEXANDER E. I. DUPONT DENEMOURS CO. P. O. BOX 800 KINSTON 28501	OM 074 A AC 919 522-6100	KRUM, RONALD EUGENE P. O. BOX 5420 FLETCHER 28732	FP 045 A P AC 704 687-1416	LACY, GEORGE RUFUS, JR. 14 FOREST ROAD ASHEVILLE 28803	PTH /CLP 011 A L/RT
KOONTZ, THOMAS JEFFREY 4250 ALLISTAIR ROAD WINSTON-SALEM 27104	GS 034 A AC 919 765-5221	KRUSE, RICHARD STEVEN PO BOX 1795 SOUTHERN PINES 28387	OR /NM 063 A AC 919 692-9667	LADD, ROBERT JULIUS 3323 WINDBLUFF DR. MATTHEWS 28105	GS /EM 060 A AC 704 542-8271
KOONTZ, WAYNE CARSON 720 GROVE STREET SALISBURY 28144	PD 080 AC 704 636-5576	KRYSTAL, ANDREW DARRELL 811 VICKERS AVE. DURHAM 27001	032 A S 919 688-0577	LADWIG, HAROLD ALLEN 1600 CANAL DRIVE WILSON 27893	N 098 A AC 919 237-5877
KOOPERSMITH, TINA BETH BOX 2764, DUMC DURHAM 27710	032 A S	KU, ANDREW 311 S. LASALLE ST. APT. 36-F DURHAM 27705	DR 032 A R 919 681-2711	LADWIG, STEPHEN HAROLD NASH GENERAL HOSPITAL ROCKY MOUNT 27801	DR /NM 064 P AC 919 443-8083
KOPELMAN, ARTHUR ECU SCHOOL OF MEDICINE GREENVILLE 27834	NPM 074 AC 919 551-4787	KUBITSCHKE, KENNETH R. 445 BILTMORE CTR., STE. 407 ASHEVILLE 28801	IM 011 A AC 704 258-0397	LAFFERTY, JOHN MORRISON PO BOX 597 RUTHERFORD COLLEGE 28671	OBG 012 AC 704 874-2251
		KUK, DENNIS STANLEY 1704 S. TARBORO STREET WILSON 27893	OBG /GYN 098 A AC 919 291-7001	LAHSER, CHARLES IRVING 902-C COX ROAD GASTONIA 28052	PD 036 A RT 704 867-5356

LAI, CHI-KWONG P. O. BOX 1460 STATESVILLE 28677	CD /IM 049 AC 704 873-0281	LANGLEY, JOHN RICHARD 1317 MEDICAL DR., STE. 2 FAYETTEVILLE 28304	GS 026 AC A	LATHAM-SADLER, BRENDA 119 N. FLORENCE ST. MAXTON 28364	FP 078 AC 919 844-5253
LAIRD, WILLIAM KENNETH 1900 RANDOLPH RD. STE. 300 CHARLOTTE 28207	PS 060 A P AC 704 332-4161	LANGLEY, JOHN THOMAS KINSTON CLINIC, NORTH, STE. F KINSTON 28501	ORS 054 AC 919 522-2020	LATIMER, HARRISON A. APT. F-8, CAMELOT VILLAGE CHAPEL HILL 27514	A S 919 968-1927
LAL, MADAN 925 SELMA RD. PO BOX 239 SMITHFIELD 27577	OPH 051 AC 919 934-3108	LANGSTON, BERNARD LEROY, III P. O. BOX 1934 SHALLOTTE 28459	GP 010 AC 919 754-8731	LATOURETTE, KENNETH ABRAM P. O. BOX 177 FLAT ROCK 28731	A L/RT 704 692-1641
LALONDE, JOHN CHARLES 104 E. NORTHWOOD ST. GREENSBORO 27401	FP 041 AC 919 275-6445	LANIER, VERNE CLIFTON, JR. 300 CRUTCHFIELD ST. DURHAM 27704	PS /GS 032 A P AC 919 471-3406	LATZ, TRACY J. T. 452 CORONA ST. WINSTON-SALEM 27103	A S 919 723-5305
LAM, DOUGLAS EDWARD 105 PERRY DRIVE SOUTHERN PINES 28387	FP 063 AC 919 692-4802	LANNING, DONALD ROWE ECU, DEPT. OF SURGERY GREENVILLE 27858	PTH /BLB 063 A P AC 919 295-7978	LAUER, THOMAS EUGENE 624 QUAKER LN., STE. A-111 HIGH POINT 27262	P 040 919 889-4122
LAMANNA, ROGER WEED 1700 TARBORO STREET WILSON 27893	NEP /IM 098 AC 919 291-1300	LANNING, CHARLES FREDRIC 14208 ALLISON DR. RALEIGH 27614	GS 074 AC 919 551-9931	LAUPUS, WILLIAM EDWARD ECU SCH. OF MED. DEAN'S OFF. GREENVILLE 27834	PD /PNP 074 A AC 919 551-2201
LAMAY, EDWARD NORMAN 448 HAWTHORNE RD. WINSTON-SALEM 27103	FP 063 AC 919 722-5371	LAPP, CHARLES WARREN 3400 EXECUTIVE DRIVE RALEIGH 27609	AN 092 AC 919 832-7988	LAURENS, JOHN 445 BILTMORE CENTER, STE. 303 ASHEVILLE 28801	CRS 011 A AC 704 258-8181
LAMBERT, JAMES ROYALL 238 SMITH CHAPEL RD. MOUNT OLIVE 28365	FP 096 AC 919 658-4954	LAPRADE, BENNETT WATTERSON 1901 HAMPTON RD. KINSTON 28501	IM /PD 092 A AC 919 878-0900	LAUZAU, FRANK JUSTIN 518 S. VAN BUREN RD. #7 EDEN 27288	IM 079 AC 919 623-4304
LAMBETH, WILLIAM ARNOLD, III 1112 DRESSER COURT RALEIGH 27609	PS /GS 092 A AC 919 872-2616	LARGE, HIRAM LEE, JR. 7443 WINDYRUSH ROAD MATTHEWS 28105	OBG 054 AC 919 527-7605	LAVENDER, DICK REDMOND 201 E. WENDOVER AVENUE GREENSBORO 27401	ORS 041 A AC 919 275-6318
LAMBETH, WILLIAM RICK 2609 N. DUKE STREET, STE. 204 DURHAM 27704	OBG 032 A AC 919 471-8402	LARKIN, ERNEST WADDILL, III ECU SCH. OF MED. BRODY 1F79 GREENVILLE 27834	PTH 060 L/RT 704 542-9830	LAWING, DANIEL PHILMON 212 E. WATER STREET LINCOLNTON 28092	GP 055 AC 704 735-5888
LAMM, LEROY BARDEN P. O. BOX 427 ROCKWELL 28138	P 080 AC 704 279-7034	LARKIN, ERNEST WADDILL, JR. 211 N. MARKET STREET WASHINGTON 27889	PTH 074 AC 919 551-4495	LAWRENCE, BENJAMIN JONES, JR. 813 ROCKFORD ST. PO BOX 72 MOUNT AIRY 27030	GS /PS 086 A AC 919 786-7871
LAMPLEY, CHARLES GORDON, III 150 PROVIDENCE ROAD CHARLOTTE 28207	OBG 060 A AC 704 377-0461	LARKIN, GLENN MICHAEL 4000-E PROVIDENCE RD. CHARLOTTE 28211	OPH 007 A P AC 919 946-2171	LAWRENCE, DALE N. BLDG. #1, MAIL STOP D 0 2 BLDG 1, ROOM 1407 ATLANTA, GA 30333	IM /ID 000 A AC 404 329-3696
LAND, MICHAEL ROY 150 PROVIDENCE ROAD CHARLOTTE 28207	OBG 060 A AC 704 377-0461	LAROCHE, LAURENT P. 3303 HENDERSON ROAD GREENSBORO 27410	FOP 060 P AC 704 364-4718	LAWRENCE, HAL CLIFFORD, III 93 VICTORIA ROAD ASHEVILLE 28801	OBG 011 A AC 704 253-4821
LANDIS, EDWARD EVERETT, JR. 1350 KINGS DRIVE CHARLOTTE 28207	PUD /IM 060 A AC 704 372-8750	LARSEN, ERIC P. O. BOX 2000 PINEHURST 28374	OM /GPM 041 AC 919 852-3770	LAWRENCE, JOHN CHARLES P. O. BOX 1068 LUMBERTON 28358	GS 078 AC 919 738-8571
LANDON, HENRY CLAYTON, III 501 TENTH STREET NORTH WILKESBORO 28659	FP /IM 097 A AC 919 838-5761	LARSEN, LARS CHRISTIAN 1601 OWEN DRIVE FAYETTEVILLE 28304	GS /CDS 063 A AC 919 295-1762	LAWRENCE, JOHN ELMORE, JR. 554 CHUNNS COVE ROAD ASHEVILLE 28805	FP 026 AC 919 323-1152
LANE, CHARLES JENKINS 2905-H CEDAR CREEK RD. GREENVILLE 27834	074 S 919 758-2884	LARSON, JOHN DAVID, JR. 8100 BENTWOOD PLACE RALEIGH 27609	FP 026 AC 919 323-1152	LAWRENCE, PATRICIA ANN 1012 S. KINGS DR. STE. 624 CHARLOTTE 28283	EM /OBG 092 A AC 919 755-8500
LANE, JERALD PAUL 1900 RANDOLPH RD., STE. 918 CHARLOTTE 28207	P 060 A AC 704 333-7722	LARSON, KIP LEROY 805 MERITA ST. MOUNT AIRY 27030	FP 086 AC 919 789-0454	LAWRENCE, ROBERT L. 321 W. WENDOVER AVENUE GREENSBORO 27408	OM /OBG 092 A AC 919 758-1747
LANE, JOHN WESTON 2808 GRETMAR DR. DURHAM 27705	OBG 032 AC 919 942-8571	LARSON, RICHARD MARTIN 10 DOCTORS PARK STANTONSBURG ROAD GREENVILLE 27834	GS /CDS 074 A AC 919 378-2193	LAWRENCE, ROBERT S. 313 PINE STREET RUTHERFORDTON 28139	FP 081 AC 919 379-9445
LANE, ROBERT EARL 118 W. MARKET STREET P. O. BOX 487 HERTFORD 27944	FP 021 A AC 919 426-5711	LASHLEY, CURTIS RAY JEFFERSON-PILOT LIFE INS.CO. PO BOX 21008 GREENSBORO 27420	OM 041 A P AC 919 378-2193	LAWRENCE, THOMAS EARL K-8 TAR HEEL MANOR APTS CARRBORO 27510	GS /CDS 041 A S 919 967-3398
LANE, ROGER DAVID 2015 ELIZABETH AVE. WINSTON-SALEM 27103	034 S 919 724-6405	LASSITER, KENNETH ROBERT LEE 1900 RANDOLPH RD., SUITE 502 CHARLOTTE 28207	NS 060 A AC 704 372-8860	LAWSON, JAMES DOUGLAS 1317 N. ELM ST. GREENSBORO 27401	OBG 060 A P AC 704 372-6201
LANE, TIMOTHY WALTER 1200 N. ELM ST. GREENSBORO 27401	ID /IM 041 AC 919 379-4062	LASSITER, RICHARD EDWARD CONNER DR. PROF. BLDG. CHAPEL HILL 27514	OBG 032 AC 919 942-8571	LAYTON, DENNIS SHELTON 7110 LAWYERS ROAD CHARLOTTE 28212	OTO /HNS 041 A AC 919 379-9445
LANEY, ROBERT GAFFNEY, III 809 N. LAFAYETTE ST. SHELBY 28150	GS 023 A AC 704 487-8591	LASSITER, TALLY EDWARD 619 E. 12TH STREET WASHINGTON 27889	FP 007 AC 919 946-1193	LE CROY, CHARLES MICHAEL, JR. 134 LANDSBURY DR. DURHAM 27707	FP 081 AC 919 379-9445
LANG, ANDREW MARTIN 2203 S. STERLING STREET MORGANTON 28655	FP 012 L/RT 704 437-4211	LASSITER, TALLY EDWARD, JR. 210 DACIAN AVE. DURHAM 27701	ORS /EM 032 A R 919 688-4609	LEACH, WILLIAM B. 306 WIDGEON DR. HAMPSTEAD 28443	FP 081 AC 919 592-6011
LANG, DELANO ROOSEVELT, JR. ROANOKE CHOWAN HOSPITAL AHOSKIE 27910	FP 008 AC 919 332-3560	LASSITER, WILL HARDEE, JR. ROUTE #3, BOX 90 FOUR OAKS 27524	GP 051 A L/RT 919 934-8783	LEAKE, ARTHUR ELDRIDGE, JR. 54 WESTALL AVENUE ASHEVILLE 28804	AN 011 A AC 704 255-3743
LANG, JOHN ALBERT, III 615 ST. MARY'S STREET RALEIGH 27605	IM /DIA 092 AC 919 828-7773	LASSITER, WILLIAM EDMUND UNC SCHOOL OF MEDICINE CHAPEL HILL 27514	NEP /IM 032 AC 919 966-4275	LEBAUER, EDMUND JOSEPH 721 GREEN VALLEY RD. GREENSBORO 27408	CD 041 A AC 919 378-0774
LANG, STEPHEN NORMAN BOX 2919, DUMC DURHAM 27710	ORS 032 A AC 919 684-3949	LASTER, ANDREW JAY 125 BALDWIN AVE. CHARLOTTE 28204	RHU /IM 060 AC 704 338-6300	LEBAUER, EUGENE SHANER 721 GREEN VALLEY RD. GREENSBORO 27408	IM /A 041 AC 919 378-0774
LANGDELL, ROBERT DANA UNC SCHOOL OF MEDICINE, 228-H CHAPEL HILL 27514	PTH /BLB 032 AC 919 966-4333	LASTER, DAN WAYNE 300 S. HAWTHORNE RD. WINSTON-SALEM 27103	R 034 A AC 919 748-4435	LEBAUER, MAURICE LEON 2023 ST. ANDREWS RD. GREENSBORO 27408	GS 041 A L/RT 919 273-3258

LEBAUER, SAMUEL MORGENSTERN GE	/IM 041	LEEPER, WILLIAM EDWARD, JR.	IM 036	LEONE, MICHAEL RALPH	GS 041
721 GREEN VALLEY RD.	AC	2525 PINWOOD RD.	A RT	1317 N. ELM ST., STE. 5	A * AC
GREENSBORO 27408	919 378-0774	GASTONIA 28054		PO BOX 10037	
LEBAUER, SIDNEY FERRING	IM 041	LEET, DOUGLAS CHARLES	U 092	GREENSBORO 27404	919 274-8444
721 GREEN VALLEY RD.	A L	3320 WAKE FOREST RD., STE. 100	AC	LEONE, PHILIP GEORGE	PTH 036
GREENSBORO 27408	919 378-0774	RALEIGH 27609	919 790-0036	1740 MONTCLAIR AVENUE	A AC
LEBLANG, STEVEN SETH	FP 033	LEFKOWITZ, DAVID, III	PDA /PD 060	GASTONIA 28054	704 866-2851
PO BOX 688	AC	2711 RANDOLPH RD. STE. 400	AC	LEONHARDT, GARY GENE	074
PINETOPS 27864	919 827-5135	CHARLOTTE 28207	704 372-7900	304 S. JARVIS ST.	A S
LEDBETTER, JOHN WINSLOW	N 011	LEFLER, CHARLES	IM 088	GREENVILLE 27834	919 758-0978
7 MCDOWELL STREET	A P AC	WATER OAKES SUITES	A AC	LEPORE, RALPH	GP 041
ASHEVILLE 28801	704 255-7776	BREVARD 28782	704 884-4134	4801 FOREST OAKS DR.	A P AC
LEE, ALLEN HENRY	GP 051	LEFLER, RUFUS STAMEY, III	IM /CD 084	GREENSBORO 27406	919 674-7117
P. O. BOX 8	A P AC	214 E. NORTH STREET	A AC	LENER, MARK HARRIS	032
SELMA 27576	919 965-3251	ALBEMARLE 28001	704 982-1136	14 MELSTONE TURN	A S
LEE, BENJAMIN HOWARD	034	LEFLER, WADE HAMPTON, JR.	OPH 018	DURHAM 27707	919 489-2970
2050 CRAIG ST. APT. #8	A S	P. O. BOX 2588	A * AC	LENER, PAUL	U 011
WINSTON-SALEM 27103	919 454-3742	HICKORY 28601	704 322-2050	1 DOCTOR'S PARK	AC
LEE, CHOO HYUNG	IM /HEM 012	LEGRAND, GORDON BUCK	PTH 092	ASHEVILLE 28801	704 253-5314
BROUGHTON HOSPITAL	A AC	3000 NEW BERN AVENUE	A AC	LESENE, HENRY ROBY	GE /IM 032
MORGANTON 28655	704 433-2501	RALEIGH 27610	919 755-8260	N. C. MEMORIAL HOSPITAL	AC
LEE, DAE HEE	FP 001	LEHAN, LEIGH STEELE	PD 092	CHAPEL HILL 27514	919 966-2511
2142 N. CHURCH STREET	AC	2800 BLUE RIDGE RD., STE. 501	AC	LESHER, DONALD TICE	DR 081
BURLINGTON 27215	919 227-7456	RALEIGH 27607	919 781-7490	909 N. WASHINGTON STREET	A AC
LEE, DAVID WAYNE	033	LEIBY, GEORGE MARTIN	GPM 084	RUTHERFORDTON 28139	704 287-7371
101 CLINIC DR.	AC	5201 ROMA AVE., NE	A L/RT	LESHIN, BARRY	D 034
TARBORO 27886	919 823-2105	ALBUQUERQUE, NM 87108	505 898-1384	300 S. HAWTHORNE RD.	A AC
LEE, EDWARD I.	032	LEIDY, LUANN	P/CHP 032	DEPT. OF DERMATOLOGY	
702 N. COLUMBIA ST.	A S	4322 BEECHNUT LANE	A R	WINSTON-SALEM 27103	919 748-2768
CHAPEL HILL 27514	919 942-8828	DURHAM 27707	919 489-1491	LESLIE, JOHN BRUCE	AN 032
LEE, FRANCIS BROWN	GS 090	LEIGHT, GEORGE STAPLES, JR.	GS 032	BOX 3094, DUMC	A AC
501 S. CHURCH ST.	A L/RT	2 SURREY LANE	A AC	DURHAM 27710	919 684-6931
PO BOX 457		DURHAM 27707	919 684-6849	LESSER, PHILIP STEVEN	CHN /N 060
MONROE 28110	704 283-4324	LEINBACH, LAURENCE B.	DR 034	2608 E. SEVENTH ST.	AC
LEE, HENRY NEILL, JR.	IM 078	BOWMAN GRAY SCH. OF MED.	A AC	CHARLOTTE 28204	704 377-9323
395 WEST 27TH STREET	A AC	WINSTON-SALEM 27103	919 748-3416	LESSEY, BRUCE ARTHUR	OBG 032
LUMBERTON 28358	919 739-7551	LELIEVER, WM. CHARLES	OTO 053	1303 LAKEWOOD AVE.	A R
LEE, IL SUNG	IM 011	1911 K. M. WICKER DR.	A AC	DURHAM 27707	919 489-8831
P. O. BOX 370	AC	SANFORD 27330	919 774-6829	LESTER, ROBERT HILTON	OBG 036
ENKA 28728	704 667-5298	LEMASTER, PIERRE CLIFFORD	PD 026	902 COX ROAD, SUITE F	A * AC
LEE, J. GARY	OTO /HNS 041	1291 OLIVER STREET	AC	GASTONIA 28054	704 867-6386
321 W. WENDOVER AVENUE	A * AC	FAYETTEVILLE 28304	919 483-2646	LETTIERI, SALVATORE CARMINE	034
GREENSBORO 27408	919 379-9445	LEMLY-MUNDY, REGINA GAIL	IM 034	416 LOCKLAND AVE.	A S
LEE, JAMES MOBLEY	TS 041	752 PINE LAKE DR.	A R	WINSTON-SALEM 27103	919 723-1839
1317 N. ELM ST., STE. 1	A AC	VIRGINIA BEACH, VA 23462	804 474-9113	LEUNG, CYRIL YIU-CHUN	032
GREENSBORO 27401	919 373-8245	LENAHAN, DEBORAH SMITHERMAN	OPH 029	6219 MALAGA COURT	A S
LEE, JOSEPH DAVID	R 055	2 HOSPITAL DR.	A P AC	LONG BEACH, CA 90803	213 498-3821
P. O. BOX 954	AC	LEXINGTON 27292	704 243-2436	LEVI, GEORGE ALBERT	OPH 026
LINCOLNTON 28092	704 735-6654	LENDLE, DONALD LAWRENCE	FP 034	1629 OWEN DRIVE	A P L
LEE, JOSEPH, III	FP 023	147 COLUMBINE DR.	AC	FAYETTEVILLE 28304	919 484-6144
711 W. MOUNTAIN STREET	AC	WINSTON-SALEM 27106	919 722-9535	LEVIN, STEPHEN WARREN	PD 034
KINGS MOUNTAIN 28086	704 739-5456	LENNON, BARBARA M.	074	116-A S. CHERRY STREET	AC
LEE, K. STUART	NS 034	44 COLINDALE COURT	A S	KERNERSVILLE 27284	919 996-3883
325 JANET ST.	R	GREENVILLE 27858	919 756-2646	LEVIN, STUART JEFFREY	032
WINSTON-SALEM 27104	919 748-2011	LENNON, DAVID STANCIL	AN 060	0-9 OLD WELL APTS.	A S
LEE, KYUNG KUN	GS 012	2221 HOGAN CT.	A P AC	CARRBORO 27510	919 968-1623
P. O. BOX 2203	AC	MATTHEWS 28105	704 371-4049	LEVINE, GARY IRA	FP 074
MORGANTON 28655	704 433-2463	LENNON, HERSEL C.	PTH 041	BOX 1846	A AC
LEE, MARTHA HOPE	074	911 SUNSET DR.	L/RT	GREENVILLE 27834	919 551-4611
APT R-7, DOCTORS PARK	A S	GREENSBORO 27408	919 272-5038	LEVINE, MAX PHILLIP	GS /CDS 086
GREENVILLE 27834	919 578-3190	LENNON, YATES ALTON	074	180 N. PARKWOOD MED. CENTER	A AC
LEE, MITCHELL D.	074	44 COLINDALE COURT	A S	ELKIN 28621	919 835-7600
611 E. 11TH ST., APT. E	A S	GREENVILLE 27834	919 648-4158	LEVINE, MELVIN D.	PD 032
GREENVILLE 27858	919 551-0532	LEONARD, BAXTER COLUMBUS J.	FP 026	UNC SCHOOL OF MEDICINE	AC
LEE, SAE SOON	GS /PDS 012	2330 ROLLINGHILL RD.	R	BSRC 220-H	
350 E. PARKER RD.	A AC	FAYETTEVILLE 28304	919 396-6481	CHAPEL HILL 27514	919 966-1020
PO BOX 1054		LEONARD, DONALD DEAN	PTH 041	LEVINE, RONALD H.	PH /PD 092
MORGANTON 28655	704 437-7395	1200 N. ELM STREET	A AC	2404 WHITE OAK ROAD	A * AC
LEE, SOONG HYUN	P 064	GREENSBORO 27401	919 379-4074	RALEIGH 27609	919 782-0838
106 NASH MEDICAL ARTS MALL	AC	LEONARD, JACOB CALVIN, JR.	OTO /OPH 029	LEVINSON, SIDNEY LEONARD	GE /IM 032
ROCKY MOUNT 27804	919 443-8002	119 W. SECOND AVE.	A L/RT	891 W. WILLOW DRIVE	AC
LEE, TERENCE JOHN	ID /IM 011	LEXINGTON 27292	704 246-5295	CHAPEL HILL 27514	919 942-5123
445 BILTMORE CENTER, STE. 404	A AC	LEONARD, JOHN RICHARD, III	NS 074	LEVITIN, PETER MARK	IM /RHU 041
ASHEVILLE 28801	704 258-9635	125 MOYE BOULEVARD	A * AC	1904 N. CHURCH STREET	A AC
LEE, THOMAS CHEN-YAO	GS 043	GREENVILLE 27834	919 752-5156	GREENSBORO 27405	919 274-3241
703 TILGHMAN DRIVE	AC	LEONARD, MARILYN JEAN	074	LEVITT, STEPHEN ROBERT	P 032
P. O. BOX 1501		#18 GLENWOOD APTS.	A S	500 EASTOWNE DRIVE	AC
DUNN 28334	919 892-1631	GREENVILLE 27858	919 758-0713	CHAPEL HILL 27514	919 942-8761
LEE, WILLIAM DAVID	FP 092	LEONARD, RALPH BEAUMONT	EM 034	LEVY, STANLEY BENJAMIN	D 032
3100 BLUE RIDGE RD., STE. 302	* AC	300 S. HAWTHORNE ROAD	A AC	891 WILLOW DRIVE	A * AC
RALEIGH 27612	919 782-0146	WINSTON-SALEM 27103	919 748-4626	CHAPEL HILL 27514	919 942-3106
LEE, YEN CHICH	AN 060	LEONARD, WALTER EVAN	FP 018	LEWIS, ANDREW JACKSON, JR.	OBG 060
PO BOX 33549	A AC	130 27TH STREET, S.W.	A AC	1900 RANDOLPH RD., STE. 602	AC
CHARLOTTE 28233	704 371-4049	HICKORY 28601	704 322-1153	CHARLOTTE 28207	704 377-5675
LEE, YING HUEY	GS 055	LEONE, CHERYL LEVINE	PTH 036	LEWIS, ARCH RITCHIE	IM /PUD 034
P. O. BOX 636	A P AC	1740 MONTCLAIR AVENUE	AC	3100 ROUND HILL RD.	A AC
LINCOLNTON 28092	704 735-2554	GASTONIA 28054	704 866-2851	GREENSBORO 27408	919 379-6961

LEWIS, CHARLES PELL, JR. 1307 COACH RD. PO BOX 329 REIDSVILLE 27320	OPH /OTO A * AC	079 919 342-0588	LINDOW, LARRY GENE 6301 MORRISON BLVD. CHARLOTTE 28211	IM /GP A AC 704 365-3900	LITTLE, ROBERT WINFIELD 2505 S. MEBANE ST. BURLINGTON 27215	PD 001 AC 919 227-9750
LEWIS, CLIFFORD T. 637 S. KERR AVENUE WILMINGTON 28403	IM AC	065 AC	LINDQUIST, RICHARD KURT 2203 S. STERLING ST., STE. 132 MORGANTON 28655	OBG A AC 704 437-6122	LITTLE, SUZANNE BROWN 800 HOSPITAL DRIVE NEW BERN 28560	IM /CD 025 AC 919 637-6118
LEWIS, CLIFFORD WHITFIELD 322 WOODROW AVENUE HIGH POINT 27622	OBG /OBS A L	040 919 882-2830	LINDSAY, ROBERT BOYD 904 KINGS MILL RD. CHAPEL HILL 27514	IM A L/RT 919 942-6136	LITTLEJOHN, JAMES TALMADGE 416 DOCTOR'S BUILDING ASHEVILLE 28801	IM /CD 011 A AC 704 253-0443
LEWIS, DANIEL MICHAEL 3535 RANDOLPH RD. STE. 101-W CHARLOTTE 28211	D A AC 704 364-6110	060 AC	LINEBERGER, CATHERINE KUHN 63 LONGWOOD AVE. #3 BROOKLINE, MA 02146	S A S 919 929-1356	LITTLEJOHN, MARK HAYS CANNON MEMORIAL HOSPITAL BANNER ELK 28604	R/NM 006 A AC 704 898-5823
LEWIS, DOCKERY DURHAM, JR. P. O. BOX 1460 STATESVILLE 28677	PD AC	049 704 878-2011	LINEBERGER, THOMAS H. 1901-C N. SANDHILL BLVD. ABERDEEN 28315	IM A AC 919 692-4011	LITTLEJOHN, THOMAS WILLARD OBG /OBS 3185 MAPLEWOOD AVENUE WINSTON-SALEM 27103	034 AC 919 768-0684
LEWIS, LARRY STEWART DEPT. OF SURGERY ECU SCHOOL OF MEDICINE GREENVILLE 27834	GS A AC	074 919 551-4629	LINFORS, EUGENE WILLIAM 306 S. GREGSON ST. DURHAM 27701	IM A AC 919 682-5561	LITTLEJOHN, THOMAS WILLARD, III 2805 LYNTHURST AVENUE WINSTON-SALEM 27103	FP 034 AC 919 768-8890
LEWIS, NEWMAN MAXVILLE P. O. BOX 1460 STATESVILLE 28677	IM * AC	049 704 878-2011	LINK, ARTHUR STANLEY, JR. 1401-B OLD MILL CIRCLE WINSTON-SALEM 27103	ID /IM A P AC 919 765-8420	LITTLETON, ROBERT ELTON 3622 HAWORTH DR. RALEIGH 27609	OBG 092 A AC 919 782-1273
LHOTSKY-BRODIE, DORA 721 GREEN VALLEY RD. GREENSBORO 27408	GE /IM AC	041 919 378-0774	LINK, KERRY MICHAEL 300 S. HAWTHORNE RD., BOX 265 WINSTON-SALEM 27103	OTO A R 919 724-4498	LITZENBERGER, W. A. DREW 304-M DOCTOR'S BLDG. ASHEVILLE 28801	NPM /PD 011 AC 704 253-1998
LI, GEORGE 3515 GREENBRIER BLVD., APT. 14-B ANN ARBOR, MI 48105	IM A R	032 919 378-0774	LINK, MELVIN ROBERT 3323 STANWYCK COURT CHARLOTTE 28211	OTO A L/RT 704 364-2111	LIVERMAN, HENRY JOSEPH P. O. BOX 218, LAZY LANE ENGELHARD 27824	FP 007 AC 919 925-3271
LIAO, FU CHE RT. #6, CYPRESS DR. LAURINBURG 28352	OTO A AC	083 919 276-8205	LINS, MARK DAVID 1641-F NORTHWEST BLVD. WINSTON-SALEM 27104	OTO A S 919 725-8423	LIVERMAN, JOSEPH THOMAS 111 W. CHURCH STREET NASHVILLE 27856	FP 064 A AC 919 459-4012
LICHSTEIN, PETER RIBACK ECU DEPT. OF MEDICINE GREENVILLE 27834	IM A AC	074 919 551-4633	LINSTER, DOROTHY MAE 3714 BENSON DR. RALEIGH 27609	OBG AC 919 850-9377	LJUNG, TOR MARTIN PO BOX 788 WINTERVILLE 28590	074 A S 919 355-6674
LIDE, THOMAS NORWOOD 10 SOVEREIGN DRIVE HILTON HEAD ISLAND, SC 29928	PTH A L/RT	034 803 681-6815	LINTON, EUGENE BELL 112 BENT ST., BOX 742 BERMUDA RUN 27006	OBG A AC 919 765-9350	LLEWELLYN, CHARLES E., JR. 3550 HAMSTEAD CT. DURHAM 27707	P 032 A P AC 919 489-9808
LIERSCHER, GREGORY JOHN 1605 NORTH WEST BLVD. WINSTON-SALEM 27104	034 A S	919 777-1279	LIPMAN, HARRY GLENN 102 HOSPITAL DRIVE CLYDE 28721	PUD /IM AC 704 452-0331	LLOYD, HARRY DAVIDSON NORRIS-BIGGS CLINIC RUTHERFORDTON 28139	U 081 A AC 704 286-9036
LIES, STEPHEN CRAIG 2400 WAYNE MEM. DR., STE. K GOLDSBORO 27530	OBG A AC	096 919 734-3344	LIPOVAN, MIRCEA BREITZ 3707-C RESTON CT. WILMINGTON 28401	R AC 919 395-8180	LLOYD, KERMIT ALVIN RT. #5, BOX 305 CHAPEL HILL 27514	032 A S 919 929-1911
LIEU, CHONG HYUN 146 E. MCLELLAND AVE. MOORESVILLE 28115	PD AC	049 704 663-7500	LIPSON, ERIC JAMES 1900 QUEEN ST., APT. A-5 WINSTON-SALEM 27103	034 A S 919 724-9034	LOCKET, CHARLES RAY 102 MOCKSVILLE AVENUE SALISBURY 28144	ORS 080 P AC 704 637-0500
LIGON, HAROLD BELTON 86 VICTORIA RD. MEDICAL CENTER BUILDING ASHEVILLE 28801	FP AC	011 704 252-1585	LIPTON, BARBARA STEINER 2004 N. LAKESHORE DRIVE CHAPEL HILL 27514	P 032 A AC 919 942-2453	LOCKHART, DAVID ARMISTEAD 40 ARDSLEY AVENUE, N.E. CONCORD 28025	PD 013 AC 704 786-1144
LILES, GEORGE WELCH 306 PROFESSIONAL BUILDING KANNAPOLIS 28081	GS A AC	013 704 932-4169	LIPTON, MORRIS ABRAHAM UNC, BSRC BLDG. 220-H CHAPEL HILL 27514	P/IM A L 919 966-1456	LOCKLEAR, JIMMY 1212 CEDARHURST DR. PO BOX 18700 RALEIGH 27609	IM /CD 092 AC 919 872-4850
LILES, RICHARD VERNON, JR. 320 YADKIN STREET ALBEMARLE 28001	FP A * AC	084 704 982-9144	LIPTZIN, MYRON BENNETT UNC STUDENT HEALTH SERVICE CHAPEL HILL 27514	P 032 A AC 919 966-2281	LOCKWOOD, MARILYN ANN UNC-G STUDENT HEALTH CENTER GREENSBORO 27412	PD /ADL 041 AC 919 379-5340
LIMBER, GERALD KECK 1867 BACKCREEK COURT ASHEBORO 27203	PTH A AC	076 919 625-5151	LIST, NOEL DAVID BOX 3003, DUMC DURHAM 27710	GER /GPM AC 919 684-2248	LODA, FRANK ALOYSIUS, JR. UNC, DEPT. OF PEDIATRICS CHAPEL HILL 27514	PD /ID 032 A * AC 919 966-2504
LIMPET, GEORGE HENRY 1124 FENIMORE ST. WINSTON-SALEM 27103	FP A R	034 919 723-4806	LITCHFIELD, JAY ROBERT 212 MCCAULEY ST. APT. 1-B CHAPEL HILL 27514	032 A S 919 968-1909	LODGE, JEFFREY SANDS 1416 GLADE STE. #9 WINSTON-SALEM 27103	034 A S 919 721-9959
LIN, JANET CHYNG-JIAU 311 S. LASALLE ST. APT. 40E DURHAM 27705	032 A S	919 286-7851	LITTLE, ALFRED BOYD 1016 N. ELM ST. GREENSBORO 27401	CD /IM AC 919 272-6153	LOEHR, WALTER JOSEPH 2609 N. DUKE ST., STE. 402 DURHAM 27704	GS 032 A AC 919 471-8439
LINA, JOHN RAYMOND 203 RIDGEVIEW ROAD SOUTHERN PINES 28387	DR /R A AC	063 919 295-7040	LITTLE, DONALD FORREST 1350 KINGS DRIVE CHARLOTTE 28207	OBG AC 704 372-8750	LOFTUS, JAMES MORGAN, JR. PO BOX 1606 CONCORD 28026	ORS 013 A AC 704 788-3155
LINCOLN, CLINTON ROBERT 1828 HILLDALE ROAD DURHAM 27705	ORS A AC	032 919 286-1249	LITTLE, DOUGLAS JONATHAN 136-A CARBONTON ROAD SANFORD 27330	IM /CD AC 919 776-0719	LOGAN, WILLIAM SUMNER 1350 S. KINGS DRIVE CHARLOTTE 28207	D 060 AC 704 372-8750
LINCOLN, DAVID OGDEN 69 MCDOWELL ST. ASHEVILLE 28801	ORS A AC	011 704 255-7526	LITTLE, EDGAR WATSON 1307 W. WENDOVER AVE. GREENSBORO 27408	PD AC 919 275-8621	LOGEL, ROBERT JOHN 3308 MELROSE ROAD FAYETTEVILLE 28305	ORS 026 A P AC 919 484-3114
LINDER, DONALD EARLE 5500 OLD BRANDT TRACE RD. GREENSBORO 27410	AN AC	041 919 288-6565	LITTLE, EDWIN PAUL P. O. BOX 415 PINK HILL 28572	FP AC 919 568-4111	LOGUE, STEPHEN STUART 1766 METROMEDICAL DR. FAYETTEVILLE 28304	IM 026 AC 919 483-8080
LINDERMAN, JAMES ALAN 167-L S. TRADE ST. PO BOX 2564 MATTHEWS 28106	PD AC	060 704 847-0572	LITTLE, HARRY 158 HOSPITAL ST. PO BOX 425 MOCKSVILLE 27028	FP A AC 704 634-2108	LOHAVICHAN, CHOOMSANG PO BOX 42736 FAYETTEVILLE 28304	NEP /IM 026 A AC 919 323-1315
LINDLEY, JOSEPH J. KERNODLE CLINIC BURLINGTON 27215	GS AC	001 919 227-3621	LITTLE, HENRY REECE, JR. 800 HOSPITAL DRIVE NEW BERN 28560	FP A L/RT 919 637-6118	LOHAVICHAN, VIRAT P. O. BOX 64277 FAYETTEVILLE 28306	CD /IM 026 AC 919 323-1315
			LITTLE, LONNIE MARCUS 206 ST. ANDREWS ROAD STATESVILLE 28677	GP A L/RT 704 873-7442	LOHR, DERMOT 20 VANCE CIRCLE LEXINGTON 27292	PH 029 A 704 246-2626

LOHR, LLOYD DERMOT 7 MEDICAL PARK DRIVE LEXINGTON 27292	OBG 029 A AC 704 243-2431	LOVE, DAVID EUGENE 513 N. JUSTICE ST. HENDERSONVILLE 28739	OBG 045 AC 704 687-0122	LUTMAN, GEORGE BENTON P. O. BOX 2000 FAYETTEVILLE 28302	PTH 026 A AC 919 323-6149
LOMAX, CHARLES WESTON 522 N. ELAM AVE. GREENSBORO 27403	OBG 041 AC 919 273-0936	†LOVE, J. GRAFTON 200 FIRST STREET, S.W. DECEASED 5-29-87	NS 000 H 507 284-2691	LUTTERLOH, ISAAC HAYDEN, JR. P. O. BOX 1269 SANFORD 27330	IM 053 AC 919 775-3911
LOMAX, DONALD HENRY KETNER CENTER SALISBURY 28144	FP 080 A AC 704 636-5626	LOVE, JAMES MCLEAN 2007 LAFAYETTE DRIVE GREENSBORO 27408	N/IM 041 A AC 919 275-0779	LUTTERLOH, ISAAC HAYDEN, SR. P. O. BOX 1269 SANFORD 27330	IM 053 A L 919 775-3911
LOMBARD, R. ELIZABETH P. O. BOX 457 ROCKWELL 28138	FP 080 A AC 704 279-7227	LOVEJOY, STEVEN ARNET 1012 S. KINGS DR. CHARLOTTE 28283	ORS 060 A AC 704 372-0743	LUTZ, CHARLES LARRY P. O. BOX 1020 LENOIR 28645	IM /GE 014 A AC 704 758-5544
LONDON, DEBORAH LOUISE 508 CIRCLE DR. GREENVILLE 27834	074 A S 919 752-0109	LOVELACE, THOMAS CLAUDE P. O. BOX 295 HENRIETTA 28076	GP /OBS 081 L/RT 704 657-5118	LUTZ, JAMES DWIGHT 401 SIXTH AVENUE, WEST HENDERSONVILLE 28739	AN 045 AC 704 693-9669
LONDON, HOWARD B. 721 GREEN VALLEY RD. GREENSBORO 27408	OPH 041 AC 919 378-1632	LOVELL, WILLIAM FIGGATT 2711 RANDOLPH RD. STE. 400 P. O. BOX 221189 CHARLOTTE 28207	A 060 A AC 704 372-7900	LUVIS, L.D.A. CLAUDIUS 1119 CHURCHILL DRIVE GASTONIA 28052	IM 036 AC 704 867-1306
LONDON, WILLIAM LORD 306 S. GREGSON STREET DURHAM 27701	PD /PHO 032 A AC 919 688-6349	LOVETTE, KENNETH MAURICE 1612 DOCTORS CIRCLE WILMINGTON 28401	OBG 065 AC 919 343-0161	LYDAY, RUSSELL OSBORNE 1915 BOULEVARD ST. C/O MEADOWBROOK TERR. GREENSBORO 27407	GS 041 A L/RT 919 854-2115
LONG, CLIFFORD JAMES P. O. BOX 2000 PINEHURST 28374	OBG 063 A AC 919 295-0286	LOVIN, VICKIE WEST PO BOX 2227 HICKORY 28603	OBG 018 A AC 704 322-4920	LYDAY, WILLIAM DAVIE 225 HAWTHORNE LN., STE. 301 CHARLOTTE 28204	TS /GS 060 A AC 704 377-5978
LONG, EUGENE MONROE, II KERNODLE CLINIC BURLINGTON 27215	OBG /OBS 001 AC 919 226-2423	LOWE, BARBARA ANN 700 TILGHMAN DR. DUNN 28334	IM 043 A * AC 919 892-1056	LYERLY, MARK ANDREW 9 GEORGETOWN CT. DURHAM 27705	A 032 S 919 383-9784
LONG, FRANK EDWARD 1054 BURRAGE ROAD, N. E. CONCORD 28025	OBG 013 A AC 704 788-4151	LOWE, JAMES EDWARD BOX 3954, DUMC DURHAM 27710	CDS /GS 032 AC 919 684-3235	LYLE, CARL BLACKBURN, JR. 145-A MACNIDER BLDG. 202-H UNC SCHOOL OF MEDICINE CHAPEL HILL 27514	IM 032 AC 919 966-5945
LONG, JOHN CLAYTON 1401-C OLD MILL CIRCLE WINSTON-SALEM 27103	D 034 A * AC 919 765-8121	LOWE, STEPHEN BECHTLER SALEM ORTHOPAEDIC ASSOC. PA PO BOX 25007	ORS /HS 034 AC 919 768-1270	LYLES, EVELYN MCMASTER 93 VICTORIA ROAD ASHEVILLE 28801	OBG 011 A * AC 704 253-4821
LONG, PAUL DEMARS 1505 WESTOVER TERR. GREENSBORO 27408	ORS 041 A AC 919 275-0927	LOWRY, WYLLIE DONALD 7016 PROVIDENCE LANE, WEST CHARLOTTE 27226	032 A S 919 942-5643	LYLES, MARY FENNEL 300 S. HAWTHORNE ROAD WINSTON-SALEM 27103	IM /GER 034 AC 919 748-2051
LONG, RONALD MORGAN 709 LIONEL ST. GOLDSBORO 27530	AN 096 A AC 919 275-0927	LOWNES, MILTON MARKLEY, JR. 130 N. CENTER STREET MOUNT OLIVE 28365	GP 096 AC 919 658-2505	LYMBERIS, MARVIN NICHOLAS 2514 RED FOX TRAIL CHARLOTTE 28211	OPH 060 A L/RT 704 366-6227
LONG, THOMAS DRUMWRIGHT P. O. BOX 797 ROXBORO 27573	IM 073 A AC 919 599-3212	LOWRY, OTIS MEGEL SPRING HOPE CLINIC PO BOX 1090	FP 064 AC 919 478-5344	LYNCH, JOHN FRANKLIN, JR. 905 ARBORDALE DR. HIGH POINT 27260	PD 040 A * L/RT 919 886-4049
LONG, THOMAS THERON, III 920 N. CHURCH STREET CONCORD 28025	GE /IM 013 A P AC 704 788-4186	LOWRY, ROY FRANK, JR. 4024 BARRETT DR., STE. 104 RALEIGH 27609	092 A P AC 919 787-3241	LYNCH, SUE ANN 129 WINDSOR CIR. CHAPEL HILL 27514	N 032 A R 919 942-8097
LONG, WALTER NATHANIEL, JR. 505 THIRD AVENUE, SW TAYLORSVILLE 28681	FP 002 AC 704 632-9736	LUCAS, ROBERT THEODORE, JR. 1350 KINGS DRIVE CHARLOTTE 28207	PD 060 A AC 704 372-8750	LYNN, ARTHUR SIMONTON, JR. ROUTE #2, BOX 199 CONOVER 28613	IM /CD 018 A AC 704 322-1128
LONG, WILLIAM EVERETT P. O. BOX 1239 CONOVER 28613	FP 018 A AC 704 464-3821	LUCEY, DONALD TRUESDELL 2800 BLUE RIDGE BLVD. STE. 403 RALEIGH 27607	U 092 A P AC 919 781-7113	LYON, MARY ELIZABETH 616 DOCTOR'S STREET SPARTA 28675	FP 003 AC 919 372-5606
LONG, WILLIAM JOSEPH 402 E. SUGAR CREEK RD. CHARLOTTE 28213	FP 060 AC 704 596-0822	LUDWIG, GARY KEITH 104 BROOKDALE ROAD SHELBY 28150	PTH /FOP 023 P AC 704 487-3147	LYSKO, JANE E. ST. JOSEPH'S HOSPITAL DEPT. OF PATHOLOGY ASHEVILLE 28801	PTH 011 AC 704 255-3949
LONGINO, FRANK HENRY 1914 FOREST HILL DR. GREENVILLE 27834	GS /TS 074 A RT 919 758-1747	LUH, ALBERT HUNG-PEI 1481 ASHBORNE DRIVE LYNCHBURG, VA 24501	032 A S 919 681-3883	MABE, PAUL ALEXANDER, JR. 1123 S. MAIN STREET REIDSVILLE 27320	FP 079 AC 919 342-4286
LONON, ROBERT WARREN, JR. 5501 WESTFIELD DR. GREENSBORO 27410	AN 041 AC 919 373-8555	LUMB, PHILIP DENNETT BOX 3094, DUMC DURHAM 27710	AN 032 AC 919 681-3883	MABRY, EDWARD BLOXTON 1305 W. WENDOVER AVENUE GREENSBORO 27408	OBG 041 A AC 919 274-6355
LOOMIS, FRANK JOSEPH 527-B EAGLE ROAD WHISPERING PINES 28327	EM /GP 063 A AC 919 295-7777	LUND, HERBERT ZACHAREUS 1200 N. ELM ST. GREENSBORO 27401	PTH /D 041 A L 919 379-4074	MABRY, FREDERICK HARRISON, JR. 418 KING STREET LAURINBURG 28352	PD 083 AC 919 276-7570
LOOMIS, RALPH CHARLES 7 MCDOWELL STREET ASHEVILLE 28801	NS 011 A AC 704 255-7776	LUND, JOHN JEFFERSON 1700 S. TARBORO ST. WILSON 27893	CD /IM 098 A AC 919 291-1300	MAC, HARJIT BALA P. O. BOX 1230 ALBEMARLE 28002	PM 084 A AC 704 983-3314
LOPER, PETER LOUIS PO BOX 33189 DUKE POWER CHARLOTTE 28242	PUD /OM 060 A AC 704 373-4329	LUPTON, CARROLL CRESCENT 3300 STARMOUNT DRIVE GREENSBORO 27403	CRS 041 A L/RT 919 299-9255	MAC, SURENDRAPAL SINGH P. O. BOX 1230 ALBEMARLE 28001	ORS /HS 084 AC 704 983-3314
OPES, CLEMENCEAU DE JESUS P. O. BOX 1358 ELIZABETHTOWN 28337	GS /GP 009 AC 919 862-3112	LUPTON, EMMETT STEVENSON P. O. BOX 177 ALAMANCE 27201	D 041 A L/RT 919 228-1288	MACALPINE, ORVILLE DUNCAN 98 HOLLY HILL DR. CANDLER 28715	PD 011 A L/RT 704 667-5553
ORD, RICHARD WILLIAM, JR. 2506 MILLER PARK CIRCLE WINSTON-SALEM 27103	034 A S 919 722-7649	LURIA, ALAN STUART 220 FOUST ST. ASHEBORO 27204	OPH 076 AC 919 629-1451	MACATEE, GEORGE, JR. 20 SUNSET SUMMIT ASHEVILLE 28804	PH /OBG 011 A L/RT 704 252-4905
ORE, RALPH ELI 306 PENNTON AVENUE, S.W. LENOIR 28645	GS 014 A L/RT 704 754-7356	LURIE, SCOTT NORD 1711 SHAWNEE ST. DURHAM 27701	A 032 S 919 383-6272	MACAULAY, ROBERT JOSEPH, JR. 3136 SUNSET AVENUE ROCKY MOUNT 27804	EM /FP 060 AC 704 371-4160
OTHIAN, GEORGE GENE P. O. BOX 1857 REIDSVILLE 27320	FP 079 AC 919 349-5040	LUSK, JOHN ALEXANDER, III 1007 PROFESSIONAL VILLAGE GREENSBORO 27401	ON /IM 041 A AC 919 272-2141	MACCORMACK, JOHN NEWTON P. O. BOX 2091 RALEIGH 27602	U 064 A AC 919 443-3136
OUGHLIN, HOWARD HOPKINS 1213 WALTER REED ROAD FAYETTEVILLE 28304	PD 026 AC 919 484-6121				PH 092 AC 919 733-3421

MACDONALD, DONALD EWAN 1310 MCCRAY STREET MONROE 28110	P 090 AC 704 289-5431	MAIER, RUDOLPH JOSEPH 721 PROFESSIONAL DR. NEW BERN 28560	N 025 A AC 919 633-3744	MANGUM, GARY LIONELL 202 E. GROVER ST. SHELBY 28150	ORS 023 A AC 704 482-7311
MACDONALD, HENRY JOHN, JR. PO BOX 2406 707 PROFESSIONAL DR. NEW BERN 28560	OTO 025 A AC	MAINELLA, PAUL JOSEPH 20 LINDEN RD. BARRINGTON, RI 02806	032 A S	MANGUM, JOHN ROWLAND 555 CARTHAGE ST. SANFORD 27330	FP 053 A AC 919 774-6518
MACDONALD, JOEL DOUGLAS 308 CAROL ST. CARRBORO 27510	032 A S 919 967-6776	MAITLAND, ALEXANDER, III 1 DOCTOR'S PARK ASHEVILLE 28801	U 011 A AC 704 253-5314	MANGUM, RICHARD ARNOLD PO BOX 706 CREEDMOOR 27522	FP 039 A AC 919 528-0707
MACDONALD, MARK EDWARD 107 DUPONT CIRCLE GREENVILLE 27858	074 A S 919 756-6502	MAJORS, ROBERT POWELL, JR. 3010 ANDERSON DR. PO BOX 18946 RALEIGH 27619	OTO 092 A AC	MANLAPAS, HECTOR CHAN P. O. DRAWER 158 ROANOKE RAPIDS 27870	IM 042 A AC 919 537-0135
MACDONALD, WILLIAM WEBSTER 1023 EDGEHILL DRIVE CHARLOTTE 28207	OBG 060 A AC 704 373-1541	MAJSTORAVICH, JOSEPH, JR. P. O. BOX 1317 MOREHEAD CITY 28557	OPH 016 AC	MANLEY, JAMES JOSEPH P. O. BOX 2585 705 PROFESSIONAL DR. NEW BERN 28561	FP/EM 025 AC 919 637-6194
MACFARLAND, JOSEPH ALFRED UNC STUDENT HEALTH SERVICE CHAPEL HILL 27514	GP 032 AC 919 966-2281	MALEK, NABIL S. BOX 3094, DUMC DURHAM 27710	AN 032 AC	MANLY, ISAAC VAUGHN 2800 BLUE RIDGE BOULEVARD RALEIGH 27607	GS/TS 092 A AC 919 781-7410
MACHEMER, CHRISTINE ANNA BOX 3125, DUMC DURHAM 27710	P 032 AC 919 684-5772	MALEKPOUR, BAHMAN 1708 WAYNE MEMORIAL DR. PO BOX 1342 GOLDSBORO 27530	P 096 A AC	MANLY, JAMES HOLLOWELL, JR. 2800 BLUE RIDGE BLVD. #303 RALEIGH 27607	GS 092 AC 919 781-7425
MACHEMER, ROBERT BOX 3802, DUMC DURHAM 27710	OPH 032 A AC 919 684-5846	MALLETTE, JULIUS Q. ECU DEPT. OF OB-GYN GREENVILLE 27835	OBG 074 A AC 919 551-4983	MANN, CARROLL LAMB, III 3009 NEW BERN AVE. PO BOX 14027 RALEIGH 27620	NS 092 A AC 919 832-4448
MACINTOSH, VICTOR HENRY 207 E. MAIN ST. SANFORD 27330	FP 053 AC 919 774-6282	MALLIS, GARY CRAIG 2806 CROCKETT DR. GREENVILLE 27834	074 R 919 758-8125	MANN, CHARLES HAYES 1110 S. MAIN STREET DURHAM 27701	OTO 032 A AC 919 682-9341
MACK, RONALD BRIAN 2516 WOODBERRY DRIVE WINSTON-SALEM 27106	PD 034 AC 919 727-8108	MALLONEE, MICHAEL STEVEN 101 W.T. HARRIS BLVD.EAST SUITE C-206 CHARLOTTE 28213	OTO/HNS 060 A P AC 704 547-1609	MANN, JAMES TIFT, III WAKE HEART ASSOCIATES PO BOX 14427 RALEIGH 27620	CD 092 AC 919 832-9253
MACK, YVONNE BOX 140, 300 S. HAWTHORNE WINSTON-SALEM 27103	034 A S 919 722-1325	MALLOY, H. REMBERT 2020 NEW WALKERTOWN ROAD WINSTON-SALEM 27101	GS 034 A L/RT 919 723-3729	MANN, JOHN DOUGLAS 751 CLINICAL SCI. BLDG. 229-H UNC SCHOOL OF MEDICINE CHAPEL HILL 27514	N/IM 032 A AC 919 966-2526
MACKAY, JAMES CALVIN 1928 S. 16TH STREET WILMINGTON 28401	IM/PUD 065 AC 919 762-5292	MALONE, JOHN HUGH, JR. 56 ARDSLEY AVENUE, N.E. CONCORD 28025	IM 013 A AC 704 782-1101	MANN, PHILIP ROGERS 803 HERMITAGE ROAD BURLINGTON 27215	FP/IM 001 A AC 919 227-3643
MACKEL, DAVID FREDERICK 1027 FLEMING STREET HENDERSONVILLE 28739	ORS 045 AC 704 692-5781	MALONEY, SEAN ROBERT 50 DOCTORS DR. STE. W-20 ASHEVILLE 28801	PM 011 A AC 704 254-9796	MANNING, ISAAC HALL, JR. 2609 N. DUKE ST. #604 DURHAM 27704	IM 032 A L 919 286-7635
MACKENNA, JARLATH ECU, DEPT. OF OBG GREENVILLE 27834	OBG/NPM 074 AC 919 551-4693	MALONEY, THOMAS RICHARD NC SPECIAL CARE CTR WARD BOULEVARD WILSON 27893	GER/IM 098 A AC 919 237-1121	MANNING, STUART HALL 2609 N. DUKE ST., STE. 604 CENTRAL MEDICAL PARK DURHAM 27704	IM 032 A AC 919 477-1054
MACLAUCHLIN, WILLIAM THOMPSON P. O. DRAWER 1239 CONOVER 28613	FP 018 A AC 704 464-3821	MALOW, THOMAS HOWARD 2310 DELANEY AVENUE WILMINGTON 28401	OPH 065 A AC 919 763-3664	MARBURG, KENNETH CHARLES 343 BRADLEY DR. WILMINGTON 28403	EM/FP 065 AC 919 791-0075
MACLEAN, DAVID BURTON 786 ROSLYN ROAD WINSTON-SALEM 27104	END 034 A AC 919 748-2076	MALTBIE, ALLAN ARMSTRONG BOX 3837, DUMC DURHAM 27710	P/PYA 032 A AC 919 684-5217	MARCHESE, JOHN RICHARD 40 DOCTORS DR. BOONE 28607	OBG 095 AC 704 264-9067
MACQUEEN, DONALD MILES 2321 DELANEY AVENUE WILMINGTON 28403	A/PD 065 A P AC 919 763-1661	MANCUSI-UNGARO, PETER CURT 2131 S. SEVENTEENTH STREET WILMINGTON 28401	HEM/ON 065 AC 919 343-0161	MARCHETTI, LOUIS JOSEPH MIDSOUTH UROLOGY CTR., PA BOX 3, TWO MEMORIAL DR. PINEHURST 28374	U 063 AC 919 295-2402
MACRAE, JOHN DONALD 700 MEASE PLAZA, APT. 850 DUNEDIN, FL 33528	R 026 A L/RT 813 733-1161	MANDEL, DALE MASON 105 PINEYWOOD RD. BOX 1187 THOMASVILLE 27360	GS/TRS 029 A AC 919 475-7148	MARCOTTE, DAVID BACON 1262 OLIVER ST. FAYETTEVILLE 28304	P 026 A AC 919 484-5151
MACRI, ANTHONY JOHN 311 DOGWOOD DRIVE EDEN 27288	PTH 079 A AC 919 623-9711	MANDEL, STANLEY ROBERT UNC, DEPT. OF SURGERY 229H CHAPEL HILL 27514	GS/TS 032 A AC 919 966-3391	MARCUARD, STEFANO P. ECU, DEPT. OF MEDICINE GREENVILLE 27834	GE/IM 074 AC 919 551-4652
MADAKASIRA, SUDHAKAR ECU, DEPT. OF PSYCHIATRY GREENVILLE 27858	P 074 A AC 919 551-2663	MANDELL, GORDON LEE 1321 ABINGDON WAY WINSTON-SALEM 27106	AN 034 A AC 919 773-3259	MARCUS, RICHARD WM. 600 FIRST PLAZA 1985 TATE BLDG. SE HICKORY 28601	N 018 A P AC 704 328-5500
MADDOX, CHARLES DEATON 4-B DOCTOR'S PARK ASHEVILLE 28801	IM 011 A AC 704 253-2865	MANESS, ARCHIBALD KELLY, JR. 1305 W. WENDOVER AVENUE GREENSBORO 27408	OBG 041 A AC 919 273-3624	MARGOLIS, JEFFREY ALAN 603 BEAMON ST. CLINTON 28328	IM 082 A AC 919 592-6114
MADDOX, THOMAS WILBUR 3814 BROWNING PLACE RALEIGH 27609	GS/VS 092 AC 919 781-0710	MANESS, PAUL FRANKLIN 328 W. DAVIS STREET BURLINGTON 27215	PD 001 A L 919 228-8341	MARION, JEREMIAH RICHARD, III 631 COLISEUM DR. WINSTON-SALEM 27106	OPH 034 A AC 919 723-1041
MADRY, HERBERT RAYMOND, JR. 2105 WHITE OAK ROAD RALEIGH 27608	DR 092 A P AC 919 833-9838	MANESS, RUBIN FRANKLIN 2706 MEDICAL OFFICE PLACE GOLDSBORO 27530	PD/A 096 AC 919 734-4736	MARKELLO, JAMES ROSS ECU SCHOOL OF MEDICINE GREENVILLE NC 27834	PD 074 AC 919 551-2539
MADRY, JAMES THOMAS 519 BROOKDALE DR. STATESVILLE 28677	OBG/GYN 049 AC 919 663-2564	MANGANO, CHARLES ANGELO, JR. 3020 NEW BERN AVE. STE. 420 RALEIGH 27610	CD/IM 092 A AC 919 833-5111	MARKHAM, ROBERT WADE 624 QUAKER LANE, SUITE 302-B HIGH POINT 27262	D 040 A AC 919 887-3195
MAGOLAN, JEROME JOSEPH, JR. 3320 EXECUTIVE DR., STE. 210 RALEIGH 27609	OPH 092 A R 919 872-0572	MANGE, STEPHEN KENNEDY PO BOX 1570 DAVIDSON 28036	PD 060 AC 704 892-7905	MARKS, EDGAR SEYMOUR 1100 OLIVE STREET GREENSBORO 27401	IM 041 A AC 919 378-9906
MAHAFFEY, WILLIAM M. E-8 DOCTORS PARK APTS. GREENVILLE 27834	074 A S 919 758-6102	MANGUM, ADDISON GOODLOE P. O. BOX 1258 ALBEMARLE 28002	R 084 AC 704 982-5319	MARKS, JOHN JACOB 5512 HAWTHORNE PARK RALEIGH 27612	GYN 092 AC 919 848-1990
MAHAN, DENNIS MICHAEL 1012 COLLEGE ST. OXFORD 27565	FP 039 A AC 919 693-7108	MANGUM, CARLYLE THOMAS, JR. P. O. BOX 429 HIGHLANDS 28741	GP 056 AC 704 526-2125		
MAHANEY, JOHN PHILIP, JR. 810 KENNEDY AVE. NEW BERN 28560	FP 025 A AC 919 633-1678				

MARKWORTH, JAMES WARREN 1222 MEDICAL CENTER DRIVE WILMINGTON 28401	ORS 065 A AC 919 763-2977	MARTIN, RICHARD W. 327 MOCKSVILLE AVE. PO BOX 1665 SALISBURY 28144	GS 080 A P AC 704 637-2750	MATHES, GORDON LAWRENCE, JR. 3136 SUNSET AVE. ROCKY MOUNT 27801	U 064 A AC 919 443-3136
MARLOWE, DONNA M. 1208-A W. 4TH ST. WINSTON-SALEM 27101	A S 919 727-1866	MARTIN, ROBERT GALE 2170 MIDLAND ROAD SOUTHERN PINES 28387	OPH 063 A P AC 919 295-2100	MATHEWS, HERSCHELL F. ROUTE #1, BOX 564 SYLVA 28779	FP/EM 044 AC 704 586-8352
MARLOWE, JAMES MANNING 624 QUAKER LANE, SUITE D-200 HIGH POINT 27622	ORS 040 AC 919 841-6262	MARTIN, SIDNEY ARNOLD 3141 ESSEX CIRCLE RALEIGH 27608	OM/FP 092 A AC 919 782-0911	MATTHESEN, KENNETH MARLIN 960 PLATEAU ST. BRYSON CITY 28713	FP/A 087 L 704 488-6844
MARQUEZ, FRANCISCO JAVIER 105 WESKER CIRCLE DURHAM 27703	A R 919 596-0956	MARTIN, WELLS, III HIGH POINT MEM.HOSP.,-RAD. HIGH POINT 27260	DR 040 A AC 919 887-2551	MATHIS, JAMES LARRY ECU, DEPT. OF PSYCHIATRY GREENVILLE 27858	P 074 A AC 919 551-2660
MARQUEZ, PATERNO RIEGO 107 NASH MEDICAL ARTS MALL ROCKY MOUNT 27804	FP 064 AC 919 443-8810	MARTIN, WILLIS ELWOOD 112 NASH MEDICAL ARTS MALL ROCKY MOUNT 27804	D/IM 064 A AC 919 443-8937	MATTERN, WILLIAM DOUGLAS N. C. MEMORIAL HOSPITAL CHAPEL HILL 27514	NEP/IM 032 A AC 919 966-2561
MARROUM, MARIE-CLAIRE PO BOX 32861 CHARLOTTE MEM. HOSP. CHARLOTTE 28232	PTH 060 A AC 704 338-2251	MARTINEZ, LUCAS J. P. O. BOX 7514 ROCKY MOUNT 27801	NS 064 A AC	MATTHEWS, BRIAN LEWIS DEPT. OF OTOLARYNGOLOGY N. C. BAPTIST HOSPITAL WINSTON-SALEM 27103	OTO 034 A AC 919 748-4161
MARROW, HENRY GREGORY ECU SCH. OF MEDICINE CLINICAL PATH. BRODY 1508 GREENVILLE 27834	PTH 074 A AC 919 551-4495	MARTINEZ, SALUTARIO DUMC, DEPT. OF RADIOLOGY DURHAM 27710	R 032 A AC 919 684-2711	MATTHEWS, COY RANDOLPH 120 EDEN TERRACE #1 WINSTON-SALEM 27103	034 A S 919 723-9781
MARROW, JANE GREGORY 1003 MAIN STREET TARBORO 27886	GYN 033 AC 919 823-8491	MARTONE, ARLENE RAE 28 RIVERVIEW ST., STE. 110 FRANKLIN 28734	OBG 056 AC 704 335-0064	MATTHEWS, DAVID CARY 2215 RANDOLPH ROAD CHARLOTTE 28207	PS 060 A AC 704 372-6846
MARSDEN, MARGARET E. FERRITER 200 WOODCROFT PARKWAY, #40-B DURHAM 27713	032 A S 919 489-8433	MARUCHECK, JOHN THOMAS 6217 DRESDEN LANE RALEIGH 27612	IM 092 AC 919 878-0900	MATTHEWS, GEORGE POWERS P. O. BOX 609 ROSE HILL 28458	GP 031 A AC 919 289-2330
MARSH, FRANK BAKER 725 LAKE DRIVE SALISBURY 28144	IM 080 A LRT 704 633-2344	MARX, MARILYN UTMB STATION 1, BOX 45 GALVESTON, TX 77550	GS 032 A R 409 761-1875	MATTHEWS, JOHN DAIL 3312 BATTLEGROUND AVE. GREENSBORO 27410	041 A * AC
MARSHALL, BERNARD ANTHONY P. O. BOX 21922 GREENSBORO 27406	OBG 041 AC	MARX, RICHARD SAMUEL 1401-B OLD MILL CIRCLE WINSTON-SALEM 27103	ID/IM 034 A AC 919 765-8420	MATTHEWS, MARJORIE E.F. P. O. BOX 667 PILOT MOUNTAIN 27041	FP 086 A AC 919 368-4198
MARSHALL, CHARLES FOSTER, JR. 1012 S. KINGS DRIVE CHARLOTTE 28283	OPH 060 A AC 704 376-6511	MASIUS, WILLIAM GLENN 1801 GREENVILLE BLVD. APT. 19 GREENVILLE 27858	074 A S 919 752-5867	MATTHEWS, ROLAND D. 1610 VAUGHN ROAD BURLINGTON 27215	FP 001 AC 919 228-8333
MARSHALL, RICHARD BLAIR 236 STANAFORD ROAD WINSTON-SALEM 27104	PTH 034 A AC 919 748-2626	MASON, DAVID PENDLETON 1809 GLEN MEADE ROAD WILMINGTON 28403	OBG 065 A AC 919 762-9807	MATTHEWS, WILBUR P. 1822 GLEN MEADE ROAD WILMINGTON 28401	065 AC
MARSHBURN, ELISHA THOMAS, JR. 3208 OLEANDER DRIVE WILMINGTON 28403	IM 065 A P * AC 919 762-9621	MASON, ERIC W. PO BOX 18139 RALEIGH 27619	AN 092 A AC 919 755-3034	MATTHEWS, WILLIAM CAMP RT. #4, BOX 142-B CHESTER, SC 29706	IM/OM 060 A LRT 803 385-6975
MARSICANO, THOMAS H. 1317 N. ELM ST., STE. 1 GREENSBORO 27401	CDS 041 A AC 919 373-8245	MASON, GARY MERLIN MEDICAL PARK 902 COX RD., STE. F GASTONIA 28054	OBG 036 A AC 704 867-6386	MATTOX, HUITT EVERETT 1700 S. TARBORO ST. WILSON 27893	OBG 098 A AC 919 291-9010
MARSIGLI, ADOLFO HECTOR 110 NASH MEDICAL ARTS MALL ROCKY MOUNT 27801	ORS/HS 064 A AC 919 443-8830	MASON, LOCKERT BEMISS NEW HANOVER MEM. HOSP. WILMINGTON 28401	GS 065 A AC 919 343-0161	MATTOX, HUITT EVERETT, III 1764 ROBINHOOD RD. WINSTON-SALEM 27104	R 919 725-3227
MARSIGLI, EDUARDO OSCAR 110 NASH MEDICAL ARTS MALL ROCKY MOUNT 27801	ORS 064 A AC 919 443-8830	MASON, WILLIAM TERRY 400 MOCKSVILLE AVENUE SALISBURY 28144	ORS 080 A AC 704 633-6044	MATTOX, JAMES DWIGHT, JR. 1546 OVERBROOK AVENUE WINSTON-SALEM 27104	P 034 A AC 919 768-6930
MARSTON, CHARLES THOMAS, JR. 117 TRYON ROAD RUTHERFORDTON 28139	PD 081 AC 704 286-9049	MASOUD, JAVED 723 EDITH STREET BURLINGTON 27215	CD/IM 001 AC 919 229-6486	MATTOX, WILLIAM JOSEPH 1814 GLEN MEADE ROAD WILMINGTON 28403	FP 065 AC 919 763-5471
MARTIN, CHARLES R. 120 MEMORIAL DRIVE JACKSONVILLE 28540	PD 067 A AC 919 353-0581	MASSAGEE, JAMES TERRILL PHYSICIANS QUAD., BLDG. 7 GREENVILLE 27834	AN 074 A P AC 919 752-2140	MATTSON, MARK WARREN PO BOX 1808 LAURINBURG 28352	GS 083 A AC 919 276-3541
MARTIN, DENNIS KEITH 903 PINETREE DRIVE NEW BERN 28560	OBG 025 AC 919 633-4005	MASSAQUOI, ALFRED DADEE LAMIN 1030 COLLEGE ST. P. O. BOX 1513 OXFORD 27565	OBG 039 AC 919 693-4212	MATUS, SIMON PO BOX 983 KIRBYVILLE, TX 75956	R/NM 096 A
MARTIN, DENNIS LEE 7 MCDOWELL ST. ASHEVILLE 28801	N 011 A P AC 704 255-7776	MASSENGILL, G.K. 3308 TIMBER LAKE ROAD RALEIGH 27604	GS 092 A LRT 919 872-6924	MAUERHAN, DAVID ROBERT 1822 BRUNSWICK AVENUE CHARLOTTE 28207	ORS 060 A P AC 704 373-0544
MARTIN, EDWARD STEPHENS 2711 RANDOLPH ROAD, SUITE 501 CHARLOTTE 28207	PD 060 AC 704 374-1736	MASSENGILL, SUSAN FOSTER 2405-1 HORTON BLVD. WILSON 27893	074 A S 919 291-6550	MAULL, JOHN M. PO BOX 1020 LENOIR 28645	IM 014 A AC 704 758-5544
MARTIN, HAROLD LUTHER, JR. 1200 N. GREENSBORO ST. CARRBORO 27510	032 A S 919 929-8334	MASSEY, CHARLES CASWELL, JR. 2028 RANDOLPH ROAD CHARLOTTE 28207	CRS 060 A P AC 704 333-1259	MAULTSBY, JAMES ALEXANDER 200 E. NORTHWOOD ST., STE. 410 GREENSBORO 27401	ORS/PM 041 A AC 919 373-0312
MARTIN, J. PAUL 491 BILTMORE AVE. ASHEVILLE 28801	FP 011 A AC 704 258-0670	MASSEY, THOMAS NEELY, JR. 217 TRAVIS AVENUE CHARLOTTE 28204	CD 060 A AC 704 372-3350	MAUNEY, FRANK MAXTON, JR. 257 MCDOWELL STREET ASHEVILLE 28803	CDS/TS 011 A P * AC 704 258-1121
MARTIN, JAMES CICERO, JR. VETERANS DR. APT. 7-A ASHEVILLE 28805	032 A R	MASTERS, KIM JAMES APPALACHIAN HALL PO BOX 5534 ASHEVILLE 28813	P/CHP 011 A AC 704 253-3681	MAURO, MATTHEW ANTHONY 101 CATAWBA COURT CHAPEL HILL 27514	DR 032 AC 919 966-1461
MARTIN, JAMES FRANKLIN 2680-3 GROSVENOR PLACE WINSTON-SALEM 27106	R/DR 034 A L 919 748-4505	MASTERS, MICHAEL JASON 102 HOSPITAL DR. SUITE #6 CLYDE 28721	D 044 * AC 704 456-7343	MAURO, PATRICIA MARCHASE 2609 N. DUKE ST. STE. 505 DURHAM 27704	D 032 A P * AC 919 477-2121
MARTIN, MATTHEW BRUNSON 311 W. WENDOVER AVE. GREENSBORO 27408	GS 041 A AC 919 275-8415	MASTRANGELO, MICHAEL ROCCO 1515 DOCTOR'S CIRCLE WILMINGTON 28401	GE 065 A AC 919 763-5182	MAVROS, SHARON 411-I DOWNING ST. DURHAM 27705	032 A S 919 286-4617
MARTIN, PHILIP L. 3320 EXECUTIVE DR., STE. 210 RALEIGH 27609	OPH 092 A AC 919 872-0572			MAXFIELD, STEVEN RONALD 872 LOUISE CIRCLE DURHAM 27705	032 A S 919 383-0050

MAXWELL, JAMES HEATH 2313 PRINCESS ANN ST. GREENSBORO 27408	DR 041 A AC 919 299-6815	MCALISTER, JEAN COLVIN 925 NEW GARDEN RD. APT. 121 GREENSBORO 27410	PD 041 A P L/RT 919 855-8489	MCCLOSKEY, SCOTT MICHAEL 420 N. CENTER STREET HICKORY 28601	NS 018 A P AC 704 327-9740
MAXWELL, JOHN GARY 2131 S. 17TH ST. WILMINGTON 28402	GS 065 A * AC 919 343-0161	MCALISTER, LINDA THERESA PO BOX 53514 FAYETTEVILLE 28305	OBG 026 A AC 919 485-1191	MCCOLLUM, DONALD EUGENE BOX 2919, DUMC DURHAM 27710	ORS 032 A AC 919 684-4055
MAXWELL, MICHAEL C. 418 LOCKLAND AVENUE WINSTON-SALEM 27103	034 A S 919 723-8294	MCALLISTER, DAVID WHITNEY 2711 RANDOLPH RD., STE. 512 CHARLOTTE 28213	OBG 060 AC 704 333-4104	MCCOMB, JOHN SANFORD 522 N. ELAM AVE. GREENSBORO 27403	OBG 041 AC 919 273-0936
MAY, ALFRED T., III 25-G COURTNEY SQUARE GREENVILLE 27858	074 A * S 919 355-5287	MCALLISTER, JAMES GRAY, III 157 1/2 E. FRANKLIN ST. PO BOX 431 CHAPEL HILL 27514	P 032 AC 919 968-4651	MCCONNACHIE, CHARLES CHRIS. 1027 FLEMING STREET HENDERSONVILLE 28739	ORS 045 H 704 692-5781
MAY, CHARLES RAYSON, III 2345 ROLLING HILL RD. FAYETTEVILLE 28304	AN 026 A AC 919 323-5491	MCALLISTER, RUSSELL G., JR. 3712 DOVER RD. DURHAM 27707	CD /IM 032 A AC 919 248-2598	MCCONNELL, MARY HELEN 675 BILTMORE AVENUE ASHEVILLE 28803	PD 011 * AC 704 253-1641
MAY, DAVID ALAN 100-D BERNARD ST. CHAPEL HILL 27514	032 A S 919 929-3078	MCARN, HUGH MUNROE, JR. 422 KING STREET LAURINBURG 28352	FP /GP 083 AC 919 276-2100	MCCONNELL, ROBERT WILLIAM 1711 W. SIXTH STREET GREENVILLE 27834	R/NM 074 A AC 919 752-5000
MAY, HARVEY CRAIG 2711 RANDOLPH ROAD, SUITE 305 CHARLOTTE 28207	GYN 060 A AC 704 372-8020	MCAULIFFE, JOHN EDWARD 3709 WESTRIDGE CIRCLE DR. ROCKY MOUNT 27801	AN 064 AC 919 443-2125	MCCONVILLE, JOSEPH FRANCIS 2257 BRECKNOCK DR. WINSTON-SALEM 27103	AN 034 A AC 919 765-2259
MAY, RONALD BRUCE CRAVEN COUNTY HOSPITAL P. O. BOX 1390 NEW BERN 28560	PD /HEM 025 A AC 919 633-4121	MCBRIDE, ALLEN JOSEPH BLUE CROSS/BLUE SHIELD OF NC PO BOX 2291 DURHAM 27702	FP /GER 032 * AC 919 489-7431	MCCONVILLE, ROBERT HOWARD, JR. 611 WICKER ST. PO BOX 387 SANFORD 27330	FP 053 A AC 919 774-6023
MAY, WILLIAM JOSEPH 300 S. HAWTHORNE ROAD WINSTON-SALEM 27103	GYN /OBG 034 AC 919 748-4595	MCBRIDE, ANN F. 3229 FLINTSHIRE RD. RALEIGH 27604	PD 092 AC 919 787-5495	MCCOOL, JAMES ALVIS 3333 SILAS CREEK PARKWAY WINSTON-SALEM 27103	PTH 034 A P AC 919 760-5840
MAYBIN, RICHARD MADDEN ROUTE #2 LAWDALE 28090	GP /HYP 023 A AC 704 538-8532	MCBRIDE, ROBERT BENNIS, JR. 101 W. T. HARRIS BLVD. #220A CHARLOTTE 28213	ORS 060 A * AC 704 547-1552	MCCORMICK, CAROLYN BRUMM 500 W. 27TH STREET LUMBERTON 28358	FP 078 AC 919 738-3718
MAYER, CAREY CHARLES 445 WESTERN BLVD., STE. A JACKSONVILLE 28540	P 067 AC 919 347-1920	MCBRYDE, ANGUS MURDOCH, JR. 1012 KINGS DR., STE. 101 CHARLOTTE 28283	ORS 060 A P * AC 704 372-0743	MCCORMICK, JOHN THOMAS 401 MULBERRY ST. SW. STE. 103 LENOIR 28645	ORS 014 A P AC 704 758-7091
MAYER, EUGENE STEPHEN UNC, 221H, WING C, BOX 3 CHAPEL HILL 27514	GPM 032 A * AC 919 966-2461	MCCABE, JAMES MICHAEL 2305 CRESTVIEW WAY WINSTON-SALEM 27103	P/N 034 A AC 919 722-2235	MCCOY, JOSEPH BENNETT, JR. 150 PROVIDENCE ROAD CHARLOTTE 28207	GYN 060 A AC 704 377-0461
MAYER, MARK EDWARD 307 W. MAIN ST. BENSON 27504	IM 051 A AC 919 894-2011	MCCAIN, JOHN LEWIS WILSON CLINIC WILSON 27893	RHU /IM 098 A P * AC 919 291-7001	MCCOY, MARSHALL CLARKE T-2 DOCTOR'S PARK APTS. GREENVILLE 27834	EM 074 A R 919 758-8045
MAYER, NORMAN MICHAEL P. O. BOX 29066 GREENSBORO 27408	EM 041 AC 919 379-4040	MCCAIN, KENNETH FRANKLIN 223 HARPER STREET WINSTON-SALEM 27104	A 034 AC 919 765-3756	MCCOY, RALPH CARLISLE 1952 HILLSBORO ROAD WILMINGTON 28401	PTH 065 A * AC 919 343-7074
MAYER, WALTER BREM 2420-407 ROSWELL AVENUE CHARLOTTE 28209	IM 060 A L/RT 704 333-4322	MCCALL, CHARLES EMORY 300 S. HAWTHORNE RD. WINSTON-SALEM 27103	IM /ID 034 AC 919 748-4584	MCCOY, THOMAS HATTON 2600 E. 7TH ST. PO BOX 35228 CHARLOTTE 28235	ORS 060 A AC 704 372-9820
MAYNARD, CHARLES DOUGLAS BOWMAN GRAY, DEPT. OF RAD. WINSTON-SALEM 27103	NM 034 A * AC 919 748-4575	MCCALL, MARVIN MATHER, III P. O. BOX 32861 CHARLOTTE 28232	CD /IM 060 A AC 704 338-3165	MCCRACKEN, JOSEPH STUART 2609 N. DUKE ST. #203 DURHAM 27704	OPH 032 A * AC 919 471-8495
MAYNARD, DAVID RUSSELL 213 MISTLETOE DR. GREENSBORO 27403	AN 041 A * AC 919 855-0767	MCCALL, MICHAEL ALVIN P. O. BOX 1229 MARION 28752	FP 059 A * AC 704 433-2492	MCCRORY, MICHAEL ELLIOTT 2609 N. DUKE ST. STE. 303 DURHAM 27704	DR 032 A P AC 919 471-8411
MAYNOR, CAROLYN CHANG BEECHWOOD APTS. 24-A 4800 UNIVERSITY DR. EXT. DURHAM 27707	032 A S 919 286-1409	MCCALL, WILLIAM HERBERT 601 CITY BUILDING ASHEVILLE 28801	OPH 011 A L 704 253-0421	MCCUEN, BROOKS WALTON, II BOX 3802, DUMC DURHAM 27710	OPH 032 A AC 919 684-6749
MAYNOR, JAYNE PATRICE P. O. BOX 606 PEMBROKE 28372	AN 032 A S 919 521-4208	MCCALL, WILLIAM, JR. 1405 PLAZA DRIVE WINSTON-SALEM 27103	A/IM 034 AC 919 765-4131	MCCULLEN, BOBBY K., JR. 207 CONNER DR. APT. 17 CHAPEL HILL 27514	OPH /OALR 032 * S 919 942-4623
MAYO, JOSEPH DIXON, JR. MEDICAL SERVICES BLDG. RUIN CREEK RD. HENDERSON 27536	FP 091 AC 919 438-3155	MCCALLUM, REX MONROE 445 BILTMORE AVE. STE. 306 ASHEVILLE 28801	RHU 011 AC 704 258-9533	MCCULLOUGH, CHARLES T., JR. 129 MCDOWELL ST. ASHEVILLE 28801	ORS 011 A AC 704 258-8800
MAYO, KATHY DIANE T-5 DOCTORS PARK APTS. GREENVILLE 27834	074 A * S 919 752-2656	MCCANN, RICHARD LUCAS BOX 2990, DUMC DURHAM 27710	GS /CDS 032 A AC 919 684-2620	MCCULLOUGH, DAVID LEGARDE BOWMAN GRAY, DEPT. OF URO. WINSTON-SALEM 27103	U 034 A P AC 919 748-4131
MAYRAND, ELIZABETH 701 BARKER ST. SALISBURY 28144	PTH 080 A P * AC 919 998-8433	MCCARTNEY, CHERYL FAINTUCH UNC, WING D, 208-H CHAPEL HILL 27514	P 032 AC 919 966-4551	MCCUNNIFF, ANN JONES 1025 WESSYNGTON RD. WINSTON-SALEM 27104	ON /TR 034 A AC 919 748-4981
MAYS, OLIVER AIKEN 408 TAYLOR PL. GOLDSBORO 27530	PH 096 A AC 919 731-1000	MCCARTNEY, WILLIAM HUGH NCMH, DEPT. OF RADIOLOGY CHAPEL HILL 27514	DR /NM 032 AC 919 966-4384	MCCUNNIFF, DENNIS EDWARD 1025 WESSYNGTON ROAD WINSTON-SALEM 27104	OBG 034 A AC 919 768-6221
MAYSE, RAY SCOTT 707 W. KING STREET KINGS MOUNTAIN 28086	IM 023 AC 704 739-9776	MCCARTY, RALPH LEEVES 843 HEMPSTEAD PL. CHARLOTTE 28207	CRS 060 A L/RT 704 333-1259	MCCURDY, DONALD PITTARD 2200 E. 7TH ST. P. O. BOX 2874 CRS CHARLOTTE 28204	OPH 060 A AC 919 338-0101
MCADAMS, CHARLES R., JR. 225 HAWTHORNE LN. STE. 401 CHARLOTTE 28204	GS /GYN 060 A AC 704 372-7741	MCCASKILL, LLOYD CURTIS P. O. BOX 788 MAXTON 28364	EM /FP 083 A AC 919 844-3236	MCCUTCHAN, JAMES HUTTON UNC STUDENT HEALTH CHAPEL HILL 27514	IM /ID 032 AC 919 966-2281
MCADAMS, HOLMAN PAGE 10321 CRESTMOOR DR. SILVER SPRING, MD 20901	032 R 301 681-8511	MCCASKILL, SAMUEL GAULT, JR. RUIN CREEK ROAD HENDERSON 27536	OBG 091 A AC 919 492-8576	MCCUTCHEN, THOMAS M., JR. 1213 WALTER REED ROAD FAYETTEVILLE 28304	PD 026 AC 919 484-6121
MCALEXANDER, DONALD LEE 56 ARDSLEY AVENUE CONCORD 28025	IM 045 AC 704 684-1030	MCCASLIN, ROBERT IAN 530 W. WEBB AVE. BURLINGTON 27215	PD 001 AC 919 228-8316	MCCUTCHEON, WILLIAM B., JR. 1830 HILLDALE ROAD DURHAM 27705	TS /CDS 032 A P AC 919 383-5531
MCALISTER, JAMES ALLEN, JR 1901 RANDOLPH RD. CHARLOTTE 28207	PTH /CLP 060 A AC 704 375-1758	MCCAULEY, ROGER LEE 190 CHARLOIS BOULEVARD WINSTON-SALEM 27103	P 034 A AC 919 768-6930	MCDANIEL, EUGENE MARVIN, JR. 1142 N. ROAD STREET ELIZABETH CITY 27909	OBG 070 AC 919 338-0101

MCDANIEL, JACK PASCHAL 1320 MEDICAL DRIVE FAYETTEVILLE 28304	OBG 026 A AC 919 323-3301	MCGOUGH, WILLIAM MARION 1403 PENNROSE DR. REIDSVILLE 27320	FP 079 AC 919 349-8461	MCKINNON, WILLIAM JAMES 407 S. GREENE ST. PO BOX 309 WADESBORO 28170	GS 004 A L/RT 704 694-2316
MCDANIEL, WILLIAM JASON, JR. P. O. BOX 10707 RALEIGH 27605	ORS 092 A * AC 919 781-5600	MCGOVERN, LARRY 200 CAROLINA AVE. LEXINGTON 27292	GS 029 A AC 919 249-0144	MCKNIGHT, RODNEY LEONARD P. O. BOX 957 SHELBY 28150	AN 023 A P AC 704 434-9671
MCDAMON, JOSHUA DENT 711-C HIBBARD DR. CHAPEL HILL 27514	032 A S 919 933-6482	MCGRATH, JAMES STUART EAST BEND FAMILY PRACTICE P. O. BOX 126 EAST BEND 27018	FP 086 A AC 704 699-3936	MCLAIN, BILL REID ROUTE #2, BOX 542 MOORESVILLE 28115	FP 049 A RT 704 663-3584
MCDAY, NOEL BRUCE 1 MEMORIAL DR. PINEHURST 28374	PS/PSF 063 A AC 919 295-5131	MCGRORY, EDWARD JOSEPH, JR. 3900 OLD WAKE FOREST ROAD RALEIGH 27609	OPH 092 A AC 919 872-3242	MCLAIN, LEE WILLIAM, JR. PO BOX 40999 RALEIGH 27629	N 092 A AC 919 782-3456
MCDONALD, CARY CRANE 2914 N. BROADWAY #1 CHICAGO, IL 60657	032 A S 919 752-7557	MCGUIRE, JOHN O'BRIEN 16 MCDOWELL STREET ASHEVILLE 28801	GS/CDS 011 A AC 704 252-3366	MCLAMB, JOSEPH TIMOTHY 2701 MEDICAL OFFICE PLACE GOLDSBORO 27530	ORS 096 A * AC 919 736-2157
MCDONALD, PENELOPE JANE P-3 DOCTOR'S PARK APTS. GREENVILLE 27834	074 A S 919 752-7557	MCGUIRE, MARSDEN HAMILTON 1320-10 EPHEsus CHURCH RD. CHAPEL HILL 27514	032 A S 919 942-8453	MCLAMB, SAMUEL BAGGETT, JR. 201 COX BOULEVARD GOLDSBORO 27530	IM 096 AC 919 734-9455
MCDONELL, CHARLES FRANKLIN, JR. ROUTE #13, BOX 24 HICKORY 28601	OBG 018 AC 704 322-3017	MCGUIRT, WILLIAM FREDERICK 300 S. HAWTHORNE RD. WINSTON-SALEM 27103	OTO/ON 034 A * AC 919 748-4161	MCLANAHAN, CHARLES SCOTT 1010 EDGEHILL ROAD, N. CHARLOTTE 28207	NS 060 A P AC 704 376-1605
MCDONNELL, KENNETH PAUL 1911 ERWIN RD., APT. B DURHAM 27705	032 A S 919 929-5170	MCGUIRT, WILLIAM FREDERICK, JR. PO BOX 713 CARRBORO 27510	032 A S 919 929-5170	MCLAUGHLIN, JAMES CHARLES 250 CHARLOIS BOULEVARD WINSTON-SALEM 27103	OBG 034 A AC 919 768-4730
MCDUGAL, EMORY GARY RT. #2, BOX 190 CONOVER 28613	GS 018 AC 704 322-9105	MCINNIS, ANGUS GUY 1123 S. MAIN STREET REIDSVILLE 27320	FP 079 AC 919 342-4286	MCLEAN, AUGUSTUS ALEXANDER, JR. P. O. BOX 98 MURFREESBORO 27855	JR GP 008 A L/RT 919 398-3789
MCDOWELL, ROBERT WARREN 734 ROCK QUARRY ROAD RALEIGH 27610	GP 092 A AC 919 832-5389	MCINNIS, TERRY ALICE 300 S. HAWTHORNE RD. BOX 257 WINSTON-SALEM 27103	034 A S 919 760-0935	MCLEAN, HARRY H., III ECU STUDENT HEALTH SERVICE GREENVILLE 27834	FP/EM 074 A AC 919 551-6841
MCDOWELL, ROY HENDRIX 100 DOGWOOD LANE BELMONT 28012	FP 036 A L/RT 704 825-8546	MCINTOSH, ARCHIBALD NOCK 219 S. MAIN STREET MARION 28752	GP 059 AC 704 652-4211	MCLEAN, JONATHAN OWENS 2330 RANDOLPH RD-LAUREL AVE. CHARLOTTE 28207	CD/IM 060 A AC 704 377-0575
MCDUFFIE, ROBERT STANLEY 325 VANDERBILT RD. ASHEVILLE 28803	OBG 011 L/RT 704 254-8166	MCINTYRE, ROSS WILLIAM BOX 3071, DUMC DURHAM 27710	AN 032 AC 919 681-4774	MCLEAN, MALCOLM 1851 E. THIRD STREET, STE. 103 CHARLOTTE 28204	PD 060 AC 704 333-6659
MCELROY, RICHARD ALLEN P. O. BOX 186 LANDIS 28088	GP 080 A AC 704 857-2711	MCIVOR, ANDREW CRAIG 646 BRENT ST. WINSTON-SALEM 27103	034 S 919 723-4069	MCLEAN, WALTER COPLEY, JR. 276 E. CHESTNUT ST. ASHEVILLE 28801	OPH 011 A AC 704 255-8978
MCELWEE, ROSS SIMONTON, JR. 3535 RANDOLPH RD. STE. 201-W CHARLOTTE 28211	GS 060 A AC 704 364-8100	MCJILTON, ROY ALAN 4303 LUDGATE ST. LUMBERTON 28358	OTO 078 A P AC 919 738-4226	MCLEAN, WILLIAM THADDEUS, JR. 300 S. HAWTHORNE RD. WINSTON-SALEM 27103	N/PD 034 A AC 919 748-2316
MCELWEE, THOMAS BRENTON 3535 RANDOLPH RD. 201-W CHARLOTTE 28211	GS 060 A AC 919 757-4629	MCKAY, CLINTON HULL 5135 HARDISON RD. CHARLOTTE 28226	IM 060 A L/RT 704 373-0700	MCLEAR, RONALD KENT 3200 CROASDAILE DR. STE. 201 DURHAM 27705	EM 032 P AC 919 383-0709
MCENTIRE, JERRILL LEE DRAWER 789 OLD FORT 28762	FP 059 AC 704 668-7694	MCKAY, HAMILTON W., JR. 2711 RANDOLPH RD. STE. 400 P. O. BOX 221189 CHARLOTTE 28207	A/IG 060 A AC 704 372-7900	MCLELLAND, ROBERT 3716 ST. MARKS ROAD DURHAM 27707	DR 032 AC 919 489-0407
MCFADDEN, JAMES STUART 1290 E. INDIANA AVE. SOUTHERN PINE 28387	AN 063 AC 919 295-7184	MCKAY, MICHAEL DIXON 1212 CEDARHURST DR. RALEIGH 27609	GE 092 AC 919 872-4850	MCLENDON, WILLIAM WOODARD CLP NCMH, DEPT. OF LABORATORIES CHAPEL HILL 27514	PTH 032 A AC 919 966-2317
MCFADYEN, OSCAR LEE, JR. 524 VALLEY ROAD FAYETTEVILLE 28305	IM 026 A L/RT 919 484-0221	MCKEE, LEWIS MIDDLETON 17 SURREY LN., HOPE VALLEY DURHAM 27707	IM 032 A L/RT 919 489-3262	MCLEOD, JONNIE HORN DEPT. OF HUMAN SERVICES UNC CHARLOTTE STATION CHARLOTTE 28223	PD 060 * AC 704 597-2171
MCFALLS, VERNON WENDELL 624 QUAKER LANE, SUITE 100-A HIGH POINT 27262	PD 040 A AC 919 882-4187	MCKEE, SCOTT BOX 2847, DUMC DURHAM 27710	032 A S 919 383-5828	MCLEOD, MARY MARGARET P. O. DRAWER 1047 SANFORD 27330	PD/A 053 A L/RT 919 775-7642
MCGEE, JOHN ASBURY, JR. 3535 RANDOLPH ROAD, SUITE 105 A CHARLOTTE 28211	GYN 060 A AC 704 365-0470	MCKEEL, MILLARD FILMORE 445 BILTMORE AVE. ASHEVILLE 28801	NS 011 A * AC 704 258-8500	MCLEOD, MELISSA MYTYLE 27 SPRING GARDEN APTS. HOLLAND DR. CHAPEL HILL 27514	032 A S 919 489-2989
MCGEE, JULIAN MURRILL 1101 N ELM ST., APT. 508 GREENSBORO 27401	GP 041 A L/RT 919 272-0787	MCKEITHEN, MURDOCH RITCHIE 709 BARKER STREET LAURINBURG 28352	OBG 083 A AC 919 276-4432	MCLEOD, MICHAEL EUGENE BOX 3073, DUMC DURHAM 27710	GE/IM 032 A AC 919 684-4046
MCGHEE, TERENCE BARCLAY 7 MCDOWELL STREET ASHEVILLE 28801	N/IM 011 A AC 704 255-7776	MCKENZIE, EDWARD BURT SALISBURY 28144	GS 080 A AC 704 633-3441	MCLEOD, VIDA CANADAY WEYMOUTH APTS., BOX 2001 SOUTHERN PINES 28387	GP 063 A L/RT 919 692-0333
MCGILL, JOHN CHARLES P. O. BOX 392 KINGS MOUNTAIN 28086	FP 023 A AC 704 739-3681	MCKENZIE, SHEPPARD ALLEN, III 3805 COMPUTER DRIVE RALEIGH 27609	OBG/IM 092 A AC 919 781-6200	MCLEOD, WILLIAM LESLIE 2711 RANDOLPH ROAD, STE. 305 CHARLOTTE 28207	GYN 060 A * AC 704 372-8020
MCGILLICUDDY, DENIS MICHAEL 117 MEDICAL DRIVE GREENVILLE 27834	ORS 074 A P AC 919 758-1777	MCKENZIE, WAYLAND NASH P. O. BOX 248 ALBEMARLE 28002	GP 084 A * L 704 982-3312	MCLEOD, WILLIAM LOUIS P. O. BOX 100 OAKBORO 28129	GP 084 A L 704 485-3319
MCGIMSEY, JAMES FRANKS, JR. WESTERN CAROLINA CENTER ENOLA ROAD MORGANTON 28655	IM/P 012 AC 704 433-2744	MCKEOWN, WILLIAM DAVID 1100 OLIVE STREET GREENSBORO 27401	IM/GER 041 A AC 919 378-9906	MCLESTER, WILLIAM DUMAS 597 OLIVER STREET FAYETTEVILLE 28304	OPH/PTH 026 A P * AC 919 323-2002
MCGINNIS, BARRY DOUGLAS 3535 RANDOLPH RD., STE. 102 CHARLOTTE 28211	R 060 A AC 704 331-2274	MCKINLEY, PHILIP HOWARD 3111 MAPLEWOOD AVENUE WINSTON-SALEM 27103	OPH 034 A AC 919 768-3240	MCLOUGHLIN, JILL HICKEY 217 TRAVIS AVE. CHARLOTTE 28207	IM 060 A AC 704 372-3350
MCGINNIS, LEE ANN M. PO BOX 32861 CHARLOTTE 28232	AN 060 A AC 704 338-2372	MCKINNEY, ALEXANDER STUART 102 HOSPITAL DR. CLYDE 28721	N 044 A P * AC 704 452-0331	MCLOUGHLIN, THOMAS M. 3924 LINDEN TERRACE DURHAM 27705	032 A S 919 383-7190
MCGIRT, MURPHY FRANK, JR. KINSTON CL., NORTH KINSTON 28501	ORS 054 A AC 919 522-4155	MCKINNEY, WILLIAM MARKLEY BOWMAN GRAY-NEUROLOGY WINSTON-SALEM 27103	N/NM 034 A AC 919 748-4494		

MCMAHAN, THOMAS KEITH PO BOX 976 1710 PARKWOOD DR. NORTH WILKESBORO 28697	IM /FP 097 A P AC	MCREE, CHRISTINE ELLIS DOROTHEA DIX HOSP.-PSY RALEIGH 27611	CHP 092 AC	MELTON, KATHERINE ROSE 1900 RANDOLPH RD. #718 CHARLOTTE 28207	GS /NTR 060 A RT
MCMANUS, HUGH FORREST, JR. 722 ST. MARY'S STREET RALEIGH 27605	IM 092 A L	MCWHORTER, JOE MAURICE 300 S. HAWTHORNE RD. WINSTON-SALEM 27103	NS 034 A AC	MELTZER, MORTON ROUTE 1, BOX 231-A CAMERON 28326	FP /P 092 A P AC
MCMILLAN, CAMPBELL WHITE UNC. DEPT. OF PED. 229-H CHAPEL HILL 27514	PHO /PD 032 A AC	MCWHORTER, ROBERT LIGON 68 LAKE CONCORD ROAD, N.E. CONCORD 28025	IM 013 A AC	MELVIN, TERESA BOWEN RT. #1, BOX 9F LONG ISLAND 28648	032 A S
MCMILLAN, JAMES FULFORD 1301 LIVE OAK PARKWAY WILMINGTON 28403	P 065 A RT	MEADOR, PHILIP D., JR. MEDICAL SERVICE BLDG. RUIN CREEK ROAD ENDERSON 27536	D 091 AC	MELVIN, WINSLOW BRITT 1109 BUCKLEY RD. APT. #3 LIVERPOOL, NY 13088	AN 074 A R
MCMILLAN, JAMES H. 206 ASHELAND AVE. ASHEVILLE 28801	FP 011 AC	MEADS, MANSON 300 S. HAWTHORNE RD. WINSTON-SALEM 27103	IM 034 A L/RT	MENDELSON, STEVEN LOUIS 445 BILTMORE CTR., STE. 306 ASHEVILLE 28801	RHU /IM 011 AC
MCMILLAN, ROBERT MONROE PO BOX 178 SOUTHERN PINES 28387	IM 063 A L/RT	MEANS, ROBERT LEE PO BOX 5082, ARDMORE STATION A WINSTON-SALEM 27103	GS 034 AC	MENNILLO, ROGER NILES 811 VICKERS AVE. DURHAM 27701	032 A S
MCMURRAY, CLARENCE MCCAIN 808 SCHENCK STREET SHELBY 28150	IM 023 A AC	MEARS, GREGORY DON 953 KEARNS AVE. WINSTON-SALEM 27106	EM 034 R	MENSCER, DARLYNE DEPT. OF FAMILY PRACTICE CHARLOTTE MEM. HOSP. BOX 32861	FP 060 A AC
MCMURRY, AVERY WILLIS 207 LEE STREET SHELBY 28150	GS 023 A P AC	MEASE, WILLIS EUGENE 209 S. CHURCH ST. RICHLANDS 28574	FP 067 A P AC	MEREDITH, JAY WAYNE 363 SPRINGDALE AVENUE WINSTON-SALEM 27104	TRS /TS 034 A AC
MCMURRY, DAVID WILLIS 130 LAKE CONCORD ROAD CONCORD 28025	IM 013 A AC	MEBANE, GILES YANCEY 202 S. FIFTH STREET MEBANE 27302	FP 001 A AC	MEREDITH, JESSE HEDGEPEETH BOWMAN GRAY-SURGERY WINSTON-SALEM 27103	GS /TS 034 A AC
MCMURRY, JOHN EUGENE, JR. 2311 DELANEY AVE. WILMINGTON 28401	OTO 065 AC	MEBANE, JOHN GILMER P. O. BOX 1405 RUTHERFORDTON 28139	IM 081 A L/RT	MERLO, RICHARD BARTLETT 773 BROOKWOOD DRIVE ELKIN 28621	R/NM 086 A AC
MCMURRY, WARREN W. 411 NW 26TH ST. GAINESVILLE, FL 32607	GS /VS 023 A R	MEDDERS, JAMES DOYLE 113 JOLLY STREET LOUISBURG 27549	GP /CD 035 A P AC	MERRILL, RICHARD HOSMER ECU SCHOOL OF MEDICINE GREENVILLE 27834	NEP /IM 074 A AC
MCNABB, JAMES WILLIAM 602 CARPENTER AVE. MOORESVILLE 28115	FP 049 A AC	MEDDERS, RUSSELL GLEN 221 BRANDON ROAD BALTIMORE, MD 21212	032 R	MERTESDORF, JAMES MICHAEL 1350 S. KINGS DR. CHARLOTTE 28207	GE 060 P AC
MCNAMARA, JAMES O'CONNELL 400 LAKE SHORE LANE CHAPEL HILL 27514	N 032 AC	MEDLIN, CHARLES THOMAS 2000 HIGHWAY 70 WEST GARNER 27529	FP 092 AC	MERWARTH, CHARLES RICHARD 2800 BLUE RIDGE BLVD. #503 RALEIGH 27607	IM /A 092 AC
MCNAMARA, JOHN FRANCIS, II 2711 RANDOLPH ROAD, STE 512 CHARLOTTE 28207	OBG 060 A AC	MEDOFF, JEFFREY ROY 721 GREEN VALLEY RD. GREENSBORO 27408	GE 041 A AC	MESROBIAN, HRAIR-GEORGE 428 BURNETT-WOMACK 229-H UNC SCHOOL OF MEDICINE CHAPEL HILL 27514	U 032 A AC
MCNEIL, QUINCY ALBERT, JR. 2909 MAPLEWOOD AVENUE WINSTON-SALEM 27103	OBG 034 AC	MEECE, JEANNINE MARIE 1800 W. FIFTH ST., STE. #8 GREENVILLE 27834	PD 074 AC	MESSENHEIMER, JOHN ANDREW UNC. DEPT. OF NEUROLOGY CHAPEL HILL 27514	N/IM 032 A AC
MCNEIL, CLAUDE ACKLE, JR. 248 DUTCHMAN CREEK RD. ELKIN 28621	FP 086 A L/RT	MEEK, JOE BERNARD 1300 MEDICAL DRIVE FAYETTEVILLE 28304	ORS 026 AC	METZEROTT, KIRK OLIVER 1600 E. THIRD ST. CHARLOTTE 28204	AN 060 A AC
MCNEILL, DONALD DRAKE, JR. P. O. DRAWER 680 LENOIR 28645	PTH /CLP 014 A AC	MEGA, LESLY TAMARIN ECU, DEPT. OF PSYCHIATRY GREENVILLE 27858	CHP /P 074 A AC	METZGER, GEORGE ANDREW 322 MULBERRY ST., SW PO BOX 1020 LENOIR 28645	IM /NEP 014 A AC
MCNEILL, MARY DAVIS P. O. BOX 719 HAVELOCK 28532	FP /PD 025 A AC	MEHTA, HASUMATI VIJAYKUMAR 1611 OWEN DR. FAYETTEVILLE 28304	FP /OBG 026 AC	METZGER, W. JAMES ECU, DEPT. OF MEDICINE GREENVILLE 27834	704 758-5544 IM /AI 074
MCNIEL, JESSE NEAL 1602 MEMORIAL DRIVE BURLINGTON 27215	P 001 A P AC	MEHTA, NALIN CHIMANLAL 815 N. THIRD ST. ALBEMARLE 28001	IM /ON 084 AC	MEWBORN, QUENTIN ALEXANDER, JR P. O. BOX 1966 GREENVILLE 27834	FP 074 A AC
MCPHAIL, SCHUBERT DEAN 1517 N. CHURCH ST. GREENSBORO 27408	OBG 041 A AC	MEHTA, VIJAYKUMAR B. 1611 OWEN DR. FAYETTEVILLE 28304	HEM /ON 026 AC	MEYER, ANDREW FREDERIC BOX 3083, DUKE MED. CENTER DURHAM 27710	AN 032 AC
MCPHERSON, HARRY THURMAN DUKE UNIV. MED. CTR. DURHAM 27710	END /IM 032 AC	MEIS, PAUL JEAN BOWMAN GRAY, DEPT. OF OBG WINSTON-SALEM 27103	OBG /NPM 034 A AC	MEYER, ANTHONY ANDREW UNC, BURNETT-WOMACK 229-H, ROOM 164 CHAPEL HILL 27514	GS 032 AC
MCPHERSON, SAMUEL DACE, JR. 1110 W. MAIN STREET DURHAM 27701	OPH 032 A P AC	MELARAGNO, HELEN P. 2001 E. FIFTH STREET CHARLOTTE 28204	FP 060 A AC	MEYER, CLINTON LOUIS 1202 MEDICAL CENTER DR. WILMINGTON 28401	919 966-4321 GE /IM 065
MCQUADE, JOHN FRANCIS, III 4511 GLOUCESTER DRIVE NEW BERN 28560	CD 025 AC	MELCHIOR, JOSEPHINE T. 1124 NIBLICK DRIVE ROCKY MOUNT 27801	PD 098 L/RT	MEYER, DAVID DAVIS 1800 S. HAWTHORNE ROAD WINSTON-SALEM 27103	A AC 919 341-3345
MCQUEEN, FRED DOUGLAS, JR. P. O. DRAWER 1257 HAMLET 28345	FP 077 AC	MELERO, ANDRES TARCISIO P. O. BOX 28 ROXBORO 27573	GS /TS 073 A AC	MEYER, GEORGE WRIGHT 1106 HILLDALE ROAD DURHAM 27705	034 AC
MCQUEEN, JAMES AUBREY 418 KING STREET LAURINBURG 28352	PD 083 AC	MELGES, FREDERICK T. BOX 2995, DUMC DURHAM 27710	P 032 A AC	MEYER, HOBART, JR. 1920 E. BASELINE RD. TEMPE, AZ 85283	OPH 032 A AC
MCQUEEN, ROBERT BRUCE, JR. 780 WOODY DRIVE GRAHAM 27253	FP 001 AC	MELTON, BARRY CLINE 1095-K CHEYENNE COURT GREENVILLE 27834	074 A S	MEYER, ROBERT SWENSON 307 CASHWELL DR. GOLDSBORO 27530	OBG 078 AC
MCRAE, MARVIN EVERETT 1009 COUNTRY CLUB DR. GREENSBORO 27408	D 041 A L/RT	MELTON, JAMES DURANT ROUTE #3, BOX 50 MORGANTON 28655	FP 012 A AC	MEYERS, JAMES HOWARD 2540 EMPIRE DR. WINSTON-SALEM 27103	FP 096 A P AC
MCRAE, WILLIAM KENNETH UNC-G STUDENT HEALTH CENTER GREENSBORO 27412	GP 041 AC	MELTON, JAMES WILLARD, JR. 302-F BOLINWOOD APTS. CHAPEL HILL 27514	032 A S		PTH 034 AC

MEYERS, WILLIAM CLARK BOX 3041, DUMC DURHAM 27710	GS /CRS 032 A AC 919 684-6437	MILLER, HENRY SHELTON, JR. 300 S. HAWTHORNE RD. WINSTON-SALEM 27103	CD /IM 034 A AC 919 748-4467	MILTON, DAVID THOMAS 445 BILTMORE, STE. 301 ASHEVILLE 28801	DR 011 A AC 704 255-3562
MEYERSON, MARTIN BENJAMIN NEW HANOVER MEM. HOSP. WILMINGTON 28403	TR 065 A P AC 919 343-7017	MILLER, HERSEY EUGENE 702 HARTNESS ROAD STATESVILLE 28677	OTO /HNS 049 A AC 704 873-5224	MIMS, GROVER RAY, III 2580 COUNTRY CLUB ROAD WINSTON-SALEM 27104	AN 034 A AC 919 748-4791
MEYMANDI, ASSAD 1212 WALTER REED ROAD FAYETTEVILLE 28304	P/N 026 A * AC 919 485-6166	MILLER, HORACE WILLIAM, IV 586 WALNUT ST. CARRIAGE HOUSE NEW ORLEANS, LA 70118	PS 060 A R	MINARD, RAYMOND BRUCE 322 DUPONT CIRCLE GREENVILLE 27834	AN 074 A P AC 919 756-9168
MEZER, HOWARD CABITT 1305 W. WENDOVER AVENUE GREENSBORO 27408	OBG /END 041 A AC 919 273-2835	MILLER, HORACE WILLIAM, JR. 1766 METROMEDICAL DR. FAYETTEVILLE 28304	IM /CD 026 A AC 919 483-7090	MINCEY, GREGORY JULIAN 2170 MIDLAND ROAD SOUTHERN PINES 28387	OPH 063 A P * AC 919 295-2100
MICHAEL, DOUGLAS WORTH PO BOX 1239 CONOVER 28613	FP 018 A AC 704 464-3821	MILLER, HOWARD EDWARD 723 EDITH STREET BURLINGTON 27215	ORS 001 A AC 919 227-4256	MINICK, JAMES ELDER 5029 COUNTRY CLUB ROAD WINSTON-SALEM 27104	GP 034 A AC 919 768-9515
MICHAEL, JAY BENJAMIN TAR HEEL MANOR APTS. R-7 HIGHWAY 54 BYPASS CARRBORO 27510	032 A S 919 929-4809	MILLER, IRA BEN 110 CHURCH STREET HIGH POINT 27260	IM 040 A AC 919 884-5888	MINICK, RUSSELL CLARK 1504 WILLIAMS RD. LEWISVILLE 27023	FP 034 A AC 919 768-9515
MICHAEL, OTIS BENTLEY DOCTOR'S BLDG, SUITE 301 ASHEVILLE 28801	IM /CD 011 A AC 704 255-8947	MILLER, JOEL BYRON P. O. DRAWER 38 HICKORY 28601	OBG 018 A AC 704 322-4140	MINTZER, WILLIAM JEFFREY #8 PALMETTO PLACE GREENVILLE 27858	CD /IM 074 A AC 919 752-6101
MICHAL, RICHARD GLENN 1041 NOELL LANE, STE. 101 ROCKY MOUNT 27801	FP 064 A AC 919 443-3133	MILLER, MARK F. 2752 MIDDLETON #31-J DURHAM 27705	032 A S 919 383-0025	MINTZ, RUDOLPH IVEY, JR. 1906 STANTON ROAD KINSTON 28501	OBG 054 A AC 919 522-3373
MICHAL, WILLIAM NORWOOD, JR. 624 QUAKER LANE, SUITE 200-A HIGH POINT 27262	PD 040 A AC	MILLER, MILTON LEONARD 17 LOGGIN TRAIL DURHAM 27707	PYA /P 032 A L 919 493-6059	MINTZER, MELANIE 210 S. CAMERON ST. HILLSBOROUGH 27278	FP 032 A AC 919 732-9311
MICHALAK, DANIEL PETER 1700 S. TARBORO ST. WILSON 27893	OBG 098 A AC 919 291-9010	MILLER, PHILIP RAIFORD 3100 BLUE RIDGE RD. RALEIGH 27612	IM /CD 092 A P AC 919 781-7500	MINUS, JOSEPH SHEPPARD 101 GROVER STREET SHELBY 28150	PD 023 A AC 704 482-1435
MICHELS, RONALD CHARLES 250 CHARLOIS BLVD. WINSTON-SALEM 27103	IM /END 034 A AC 919 768-4730	MILLER, ROBERT EVANS 1822 BRUNSWICK AVENUE CHARLOTTE 28207	ORS 060 A P * AC 704 373-0544	MIRAGLIA, CHARLES CARMEN 1057 S. HAWTHORNE RD. WINSTON-SALEM 27103	A * S 919 723-2299
MIKUS, KEVIN PETER PO BOX 1239 CONOVER 28613	FP 018 A AC 704 464-3821	MILLER, ROBERT MICHAEL 1198 WYKE ROAD SHELBY 28150	FP 023 A AC 704 487-1148	MIRAGLIA, COLLEEN P. 1057 S. HAWTHORNE RD. WINSTON-SALEM 27103	A R 919 723-2299
MILAM, WILLIAM FREER PO BOX 1268 SHELBY 28150	PTH 023 A * AC 704 487-3147	MILLER, STEPHEN MAURICE 603 DOLLY MADISON GREENSBORO 27410	FP /EM 041 A AC 919 852-7530	MISHKIND, STEVEN HART 2500-C MILLER PARK CIRCLE WINSTON-SALEM 27103	034 A S 919 722-0477
MILHOLM, RICHARD LEROY 2305 ASHEVILLE HIGHWAY HENDERSONVILLE 28739	FP 045 A AC 704 692-7122	MILLER, WALTON H., JR. 1008 E. ASH STREET GOLDSBORO 27530	GS /GYN 096 A L/RT 919 734-1141	MISULIA, ANDREW G. 705 TILGHMAN DR. DUNN 28334	FP 043 A P AC 919 892-4096
MILLER, ALMA ELIZABETH 1111 CRESTVIEW DRIVE SALISBURY 28144	P/IM 080 A P AC 704 637-2729	MILLER, WILLIAM CAREY, JR. 1653 BANBURY DRIVE FAYETTEVILLE 28304	R 026 A AC 919 484-6881	MITCHELL, BRIAN P. PO BOX 158 MURPHY 28906	IM 020 A AC 704 837-2696
MILLER, ANDREW CLEVELAND, III 311 W. THIRD AVENUE GASTONIA 28052	FP 036 A AC 704 865-4231	MILLER, WILLIAM STACEY 3803-A COMPUTER DR. RALEIGH 27609	D 092 A AC 919 782-2152	MITCHELL, CALVIN HARRISON BOX 3802, DUKE UNIV. EYE CTR. DURHAM 27710	OPH 032 A * AC 919 684-2841
MILLER, DAVID CHARLES 123 HOSPITAL DR. TARBORO 27886	ORS 033 A P AC 919 823-7212	MILLING, JAMES REAVES 718 BRUNSWICK DRIVE WAYNESVILLE 28786	FP 044 A AC 704 456-5566	MITCHELL, CHARLES K., JR. 1400 HOOKER RD., APT. E GREENVILLE 27834	074 A S 919 756-9098
MILLER, DAVID EDMOND CENTRAL MEDICAL PARK 2609 N. DUKE ST., STE. 403 DURHAM 27704	CD /IM 032 A AC 919 471-8441	MILLNS, DALE THOMAS 800 HOSPITAL DRIVE NEW BERN 28560	U 025 A AC 919 633-2712	MITCHELL, JOHN SCOTT 1041 NOELL LANE, STE. 101 ROCKY MOUNT 27801	FP 064 P AC 919 443-3133
MILLER, DAVID T. PITT CO. MEMORIAL HOSPITAL DEPT. OF CLINICAL PATHOLOGY GREENVILLE 27834	CLP 074 A AC 919 551-9020	MILLS, JOHN FRANKLIN RUIN CREEK ROAD HENDERSON 27536	FP 091 A AC 919 492-3152	MITCHELL, JOYCE MARIE RT. #1, BOX 416E BETHEL 27812	EM /IM 074 A AC 919 551-4757
MILLER, DONALD STUART 1405-B N. LAFAYETTE STREET SHELBY 28150	ND /ON 023 A AC 704 482-8936	MILLS, MICHAEL KENNETH 3402 DONEGAL DR. CLEMMONS 27012	OBG 034 A AC 919 722-6891	MITCHELL, LANDIS PATTERSON 200 OHIO STREET SPINDALE 28160	FP 081 A L 704 286-2391
MILLER, DUDLEY 150 ROBESON STREET FAYETTEVILLE 28301	026 A AC 919 483-3156	MILLS, RANDOLPH DENNIS RUIN CREEK RD. MEDICAL ARTS CTR. HENDERSON 27536	FP 091 A AC	MITCHELL, LEWIS DEAN 1016 PROFESSIONAL VILLAGE GREENSBORO 27401	FP 041 A AC 919 379-1156
MILLER, EDITH HAMILTON 1350 S. KINGS DRIVE CHARLOTTE 28207	IM /END 060 A AC	MILLS, STEPHEN ALAN 3320 PADDINGTON LANE WINSTON-SALEM 27106	U 025 A AC 919 492-3152	MITCHELL, WILLIAM E. P. O. BOX 760 BRYSON CITY 28713	GS /GP 087 A P AC 704 488-2283
MILLER, EDMUND EUGENE 200 DOCTORS DRIVE BOONE 28607	OPH 095 A AC 704 264-0042	MILLS, WARDELL HARDEE 1202 COUNTRY CLUB DRIVE GREENSBORO 27408	CDS /TS 034 A AC 919 748-4488	MITCHENER, CALVIN CHAMBERS 1600 E. FIFTH STREET CHARLOTTE 28204	D 060 A P AC 704 376-1523
MILLER, EDWARD JAMES P. O. BOX 27 JEFFERSON 28640	GP 005 A AC 919 246-7433	MILLSAPS, DAVID MCIVER 226-H MORGANTON BOULEVARD LENOIR 28645	OPH 041 A L/RT 919 274-3391	MITCHENER, JAMES SAMUEL, JR. P. O. BOX 1808 LAURINBURG 28352	GS 083 A AC 919 276-3541
MILLER, EMERY CLYDE, JR. 300 S. HAWTHORNE RD. WINSTON-SALEM 27103	END /IM 034 A * AC 919 748-4274	MILLWARD, DAVID KENT 1212 CEDARHURST DR. RALEIGH 27609	PD 014 A AC 704 758-5111	MOBLEY, THOMAS BARNETT, III 1905 GLEN MEADE ROAD WILMINGTON 28403	U 065 A AC 919 763-6251
MILLER, GEORGE JOHN, JR. 1207 HIGHLAND DRIVE WASHINGTON 27889	ORS 007 A AC 919 946-6513	MILNER, THOMAS HAMILTON, III 3155 MAPLEWOOD AVENUE WINSTON-SALEM 27104	CD /IM 092 A AC 919 872-4850	MOCK, CHARLES GLENN BOX 917-0, ROUTE #1 MOREHEAD CITY 28557	PTH 060 A L/RT 919 354-3153
MILLER, GEORGE ROFFE 902 COX ROAD, SUITE A GASTONIA 28052	ORS 036 A L/RT 704 865-6487	MILTICH, MICHAEL FIEGEL 1600 E. THIRD STREET CHARLOTTE 28204	DR 034 A AC 919 773-3877	MOCK, DAVID CARLTON 208-C W. CENTER STREET LEXINGTON 27292	GP 029 A AC 704 246-5826
MILLER, HAROLD MELTON 4367 WEDDINGTON RD. CONCORD 28025	EM /FP 013 A AC 704 786-2111	MILTON, CECIL JEROME 225 HAWTHORNE LANE CHARLOTTE 28204	OTO /HNS 060 A P * AC 704 372-3300	MODROW, PETER ALBERT 805 FAULKNER PLACE RALEIGH 27609	ORS 026 A AC 919 876-0581
			ORS 060 A * AC 704 334-0809	MOELLER, ARLYN MCCLAY 118 POMPTON DRIVE FAYETTEVILLE 28304	FP 026 A AC 919 424-6104

MOELLER, GARLAND RADFORD P. O. BOX 68 POLLOCKSVILLE 28573	RHU /IM 025 A AC 919 224-4591	MONTGOMERY, STEPHEN PAUL P. O. BOX 10707 RALEIGH 27605	ORS 092 A AC 919 781-5600	MOORE, WILLIAM MORGAN, III 403 S. KING STREET MORGANTON 28655	OBG 012 A AC 704 433-4661
MOELLER, MARK BOLTON P. O. BOX 68 POLLOCKSVILLE 28573	ID /IM 025 A AC 919 633-1010	MONTGOMERY, WAYNE SWOPE 129 MCDOWELL ST. ASHEVILLE 28801	ORS 011 A AC 704 258-8800	MOOREFIELD, WM. GUERRANT, JR. 120 PROVIDENCE ROAD CHARLOTTE 28207	ORS 060 A AC 704 377-0351
MOELLER, WENDY PAULSON P. O. BOX 68 POLLOCKSVILLE 28573	GE /IM 025 A AC 919 633-1010	MONTGOMERY, WILLIAM GARDNER 2932 LYNTHURST AVE. WINSTON-SALEM 27103	U 034 A AC 919 765-4021	MOORING, STEWART LEE RUTHERFORD HOSPITAL RUTHERFORDTON 28139	R/NM 081 A AC 704 287-7371
MOFFATT, ROBERT CARR 30 VICTORIA ROAD ASHEVILLE 28801	ON /GS 011 A AC 704 258-2464	MONTY, LOUIS HAROLD 610 DOUGLAS ST., #A-104 DURHAM 27705	P 032 A R 919 286-2188	MORCOS, VICTOR HANNA 522 N. ELAM AVE., STE. 203 GREENSBORO 27403	P 041 AC 919 854-2391
MOFFETT, ALEXANDER STUART 70 W. LUCERNE CIR., APT. 409 ORLANDO, FL 32801	GS 002 A L/RT 305 841-1310	MOODY, DIXON MCGUIRE BOWMAN GRAY-RADIOLOGY WINSTON-SALEM 27103	DR 034 A AC 919 748-4435	MOREHEAD, ROBERT PAGE 1051 ARBOR ROAD WINSTON-SALEM 27104	PTH 034 A L/RT 919 722-2879
MOFRAD, ALI SABOORTINAT P. O. BOX 1160 LINCOLNTON 28093	PD /PHO 055 AC 704 735-1441	MOORE, ARL VAN, JR. 5201 MORROWICK RD. CHARLOTTE 28226	DR 060 A AC 704 365-0343	MORESCHI, RAFAEL MARIANO 105-A KILMAYNE DR. CARY 27511	IM /CD 092 A P AC 919 467-2253
MOHAMED, ADEL WAGDI 415 N. SEVENTH STREET SMITHFIELD 27577	U 051 A AC 919 934-5955	MOORE, BARRY ALLEN 600 MEDICAL DRIVE GREENVILLE 27834	P 074 A AC 919 758-6080	MORESS, RALPH LOUIS P. O. BOX 2068 FAYETTEVILLE 28302	P 026 A P AC 919 323-0601
MOHR, JACK ELMER 706 WELLINGTON DRIVE CHAPEL HILL 27514	OBG 032 AC 919 967-1441	MOORE, CAROL ANN 110 S. CONTENTNEA ST., APT. C FARMVILLE 27828	S 074 A S 919 753-2015	MORETZ, FRANK HANNON 202 DOCTOR'S BUILDING ASHEVILLE 28801	AN 011 A AC 704 254-1969
MOHR, LINDA CHAPPELL 1100 DRESSER COURT RALEIGH 27609	OBG 092 A AC 919 876-8225	MOORE, DAVID HARRY UNC, DIV. OF GYN-ONC N.C. MEMORIAL HOSP. CHAPEL HILL 27514	GYN /ON 032 A R 919 966-1196	MORETZ, JOSEPH ALFRED, III 250 18TH ST. CIRCLE, SE HICKORY 28602	ORS 018 A AC 704 322-5172
MOKRIS, JEFFREY GEORGE 1822 BRUNSWICK AVE. CHARLOTTE 28207	ORS 060 A P AC 704 373-0544	MOORE, DAVID HUDDLER 7110 LAWYERS ROAD CHARLOTTE 28212	PD /ID 060 AC 704 568-6500	MOREWITZ, NANCY D. 420 N. CENTER ST. HICKORY 28601	N 018 A P AC 704 327-4419
MOLTER, DAVID W. 2974 CAROLYN DRIVE DURHAM 27703	S 032 A S 919 596-4936	MOORE, DONALD TORIAN 601 FAYETTEVILLE STREET DURHAM 27701	OBG 032 AC 919 682-9241	MORGAN, BENJAMIN EDWARD 200 NASH MEDICAL ARTS MALL ROCKY MOUNT 27801	OBG 064 A AC 919 443-5941
MONCLA, ALFRED MARIE 1134 N. ROAD STREET ELIZABETH CITY 27909	OBG 070 AC 919 338-2151	MOORE, DONALD WILSON 401 W. DECATUR ST. MADISON 27025	FP 079 AC 919 548-9618	MORGAN, HERMAN GRADY, JR. 1920 S. 16TH ST. WILMINGTON 28401	PD 065 AC 919 762-3942
MONG, JAMES ARTHUR 100 S. BOYLAN AVENUE RALEIGH 27603	OBG 092 A AC 919 832-5529	MOORE, EDWARD EUGENE 3 DOCTOR'S PARK ASHEVILLE 28801	OPH 011 AC 704 252-6741	MORGAN, JOEL CLARENCE 1414 MEDICAL CENTER DR. WILMINGTON 28401	CDS 065 A AC 919 763-7363
MONROE, CHARLES T. 1825 W. SIXTH ST. GREENVILLE 27834	PD /PH 074 AC 919 752-4141	MOORE, HORACE GREELEY, JR. 1414 MEDICAL CENTER DRIVE WILMINGTON 28401	GS /TS 065 A AC 919 763-7363	MORGAN, JOHN GARLAND 101 CLINIC DR. TARBORO 27886	GS /CDS 033 AC 919 823-2105
MONROE, CLEMENT ROSENBERG P. O. BOX 1000 PINEHURST 28374	GS 063 A L/RT 919 295-5694	MOORE, JOHN ANDREW 1511 WESTOVER TERRACE GREENSBORO 27408	IM /RHU 041 A AC 919 373-0951	MORGAN, MELVIN KENNETH 5029 COUNTRY CLUB RD. WINSTON-SALEM 27104	FP 034 A AC 919 773-0074
MONROE, EDWIN WALL ECU SCHOOL OF MEDICINE GREENVILLE 27834	IM 074 A P AC 919 551-4606	MOORE, JOHN HERBERT, III 2115 EAST 7TH ST., STE. 104 CHARLOTTE 28204	GE /IM 060 A AC 704 377-4009	MORGAN, NANCY ELAINE 401 MULBERRY ST., SW, STE. 200 LENOIR 28645	FP 014 AC 704 754-0707
MONROE, GEORGE CLARKE, III 470 LAKE CONCORD RD. CONCORD 28025	IM 013 A P AC 704 786-7122	MOORE, LAWRENCE WHITE, JR. 1110 W. MAIN STREET DURHAM 27701	OPH 032 A AC 919 682-9341	MORGAN, RALPH SILER P. O. BOX 668 SYLVA 28779	CD /IM 050 A L/RT 704 586-2134
MONROE, JOHN HOWARD 2909 MAPLEWOOD AVENUE WINSTON-SALEM 27103	GYN 034 A AC 919 765-2802	MOORE, MELISA DARA 102-B ISLEY STREET CHAPEL HILL 27514	S 032 A S 919 929-7263	MORGAN, RICHARD EARL 5211 TRENTWOODS DR. NEW BERN 28560	GS 025 AC 919 633-2081
MONROE, JOHN LAUCHLIN PINEHURST SURGICAL CLINIC PINEHURST 28374	OTO /HNS 063 A P AC 919 295-2161	MOORE, PAUL MILTON, JR. 619 E. 12TH STREET WASHINGTON 27889	FP 007 AC 919 946-1146	MORGAN, RICHARD YOUNG 100 CAROLINA AVE. LEXINGTON 27292	IM /GP 029 A AC 704 246-5836
MONROE, JOHN THADDEUS, JR. 1100-A FRANKLIN SQUARE CHAPEL HILL 27514	PYA /P 032 A AC 919 967-5289	MOORE, PIERCE JONES, JR #1 P.J.'S PLACE HENDERSONVILLE 28739	GS 045 A AC 704 684-9873	MORGAN, WILLIAM WATSON, JR. P. O. BOX 15083 ASHEVILLE N C 28813	PDS /GS 011 A P AC 704 274-4105
MONROE, LANCE TRUMAN 476 CAMROSE CIRCLE, NE CONCORD 28025	OBG /OBS 013 A L 704 782-3717	MOORE, RALPH BRYAN, JR. CHILDREN'S CLINIC 1920 16TH STREET WILMINGTON 28403	PD 065 AC 919 763-2072	MORICLE, CHARLES HUNTER 1223 CRESCENT DR. REIDSVILLE 27320	GS /ABS 079 A L/RT 919 349-8590
MONROE, WILLIAM MURCHISON DOCTORS PK, STE. 1 STANTONSBURG ROAD GREENVILLE 27834	OPH 074 A AC 919 758-4166	MOORE, ROBERT ALEX, JR. 1404 MEDICAL CENTER DRIVE WILMINGTON 28401	NS 065 A AC 919 763-6578	MORIN, JUDITH K. 5002 MCCORMICK RD. DURHAM 27713	S 032 A S 919 379-3667
MONSON, DONALD MALVIN 3751 BENTLEY DRIVE DURHAM 27707	R 032 A P AC 919 471-8411	MOORE, ROBERT MORGAN 2001 S. 17TH STREET WILMINGTON 28401	ORS 065 A AC 919 763-7344	MORRELL, ROBERT X., JR. MOSES CONE HOSPITAL 1200 N. ELM ST. GREENSBORO 27401	PM 041 A AC 919 379-3667
MONSON, ROBERT CHARLES, II 3535 RANDOLPH RD., STE. 201-W CHARLOTTE 28211	GS 060 A AC 704 364-8100	MOORE, RONALD ALVIN 702 NEWMAN ROAD MCCARTHY SQUARE NEW BERN 28560	IM /ON 025 AC 919 633-5333	MORRIS, ARTHUR SHERMAN, JR. 80 VICTORIA ROAD ASHEVILLE 28801	OBG 011 A P AC 704 255-8900
MONTANA, GUSTAVO SANTOS DUMC-RADIATION ONC. DURHAM 27710	TR 032 A AC 919 684-6183	MOORE, THOMAS JOSEPH 1822 BRUNSWICK AVE. CHARLOTTE 28207	ORS 060 A AC 919 292-1353	MORRIS, EDWIN LEE 8 RIVERVIEW ST., STE. 201 FRANKLIN 28734	FP 056 AC 704 369-9531
MONTGOMERY, EMMETT FULCHER 804 FORBES ST. GREENVILLE 27834	S 074 A S 919 752-1490	MOORE, THOMAS PHILLIP ONSLow MEMORIAL HOSPITAL JACKSONVILLE 28540	R 067 A AC 919 577-2274	MORRIS, GEORGE THOMAS ARNOLD 711 HERMITAGE ROAD BURLINGTON 27215	IM 001 A AC 919 226-9317
MONTGOMERY, JAMES HUGH 445 BILTMORE CTR., STE. 301 ASHEVILLE 28801	R/IM 011 A AC 704 255-3565	MOORE, WILLIAM DONALD P. O. BOX 280 COATS 27521	FP 043 A AC 919 897-6423	MORRIS, JAMES FRANCIS P. O. BOX 1153 GOLDSBORO 27530	PD 096 A P AC 919 734-4014
†MONTGOMERY, JOHN CHRISTIAN 2022 NORTON ROAD DECEASED - 4-13-87 CHARLOTTE 28207	AN 060 A L 704 334-4950	MOORE, WILLIAM LOCKE 616 PASTEUR DRIVE GREENSBORO 27403	PD 041 A AC 919 292-1353	MORRIS, JAMES JOSEPH, JR. BOX 2993, DUMC DURHAM 27710	CD /IM 032 AC 919 684-4329

MORRIS, JONATHAN EDWARD	P 032	MOVAHED, ASSAD	CD 074	MURRAY, JANE H.	FP 032
103 ROCK SPRING COURT	A R	SECTION OF CARDIOLOGY	A AC	907 DEMERIUS ST.	R
CARRBORO 27510	919 967-6779	ECU SCHOOL OF MEDICINE	919 551-4651	DURHAM 27701	919 471-2571
MORRIS, KENNY JORDAN	R 065	GREENVILLE 27858	GS/TRS 032	MURRAY, JOHN CARROLL	DMP 032
216 OYSTER BAY LN.	A AC	MOYLAN, JOSEPH ANTHONY	A AC	BOX 2907, DUMC	* AC
WILMINGTON 28403	919 343-7069	BOX 3947, DUMC	A AC	DURHAM 27710	919 684-3432
MORRIS, LESLIE MORGAN	R 036	DURHAM 27710	919 684-2237	MURRAY, JOHN P.	OTO 084
3636 BRENTWOOD DR.	A L/RT	MOZINGO, GEORGE WM., III	U 078	PO BOX 819	A AC
GASTONIA 28054	704 865-4430	101 W. 27TH ST.	A AC	ALBEMARLE 28001	704 983-6950
MORRIS, MARSHALL G., JR.	GS/TS 041	LUMBERTON 28358	919 738-7166	MURRAY, MICHAEL J.	TR 032
#6 ASHTON SQUARE	AC	MUENCH, LAURENCE WALTER	AN 023	910 CONSTITUTION DR. APT. 720	R
GREENSBORO 27408	919 274-8444	310 DOWNING DR.	A AC	DURHAM 27705	919 684-3742
MORRIS, MARY LIDE	R/NM 001	KINGS MOUNTAIN 28086	704 739-3601	MURRAY, NIAL PATRICK	AN 034
440 CEDARWOOD DRIVE	A * AC	MUKAMAL, RONALD SASSON	GS/ORS 024	780 YORKSHIRE ROAD	A AC
BURLINGTON 27215	919 584-9872	333 JEFFERSON STREET	A AC	WINSTON-SALEM 27106	919 760-5259
MORRIS, RAE HENDERSON	GP 013	WHITEVILLE 28472	919 642-2336	MURRAY, WILLIAM GRAY	IM 041
111 LOUISE DRIVE, S.E.	A L/RT	MULHOLLAND, JAMES VINCENT	PD/PD 010	1808 CARLISLE ROAD	A L/RT
CONCORD 28025	704 782-4918	PO BOX 1208	919 754-8117	GREENSBORO 27408	919 274-5155
MORRISEY, LEMONT	FP 001	SHALLOTTE 28459	CDS/TS 000	MURRAY, WILLIAM JAMES	AN 032
723 EDITH STREET	AC	MULLEN, DONALD COLLINS	A AC	BOX 3094, DUMC	A AC
BURLINGTON 27215	919 229-4791	ST. LUKES HEALTH SCI. OFF. #310	919 649-3990	DURHAM 27710	919 684-2569
MORRISON, FRANK CRAWFORD	GP 044	2901 W. KINNICKINNIE RIVER PKY	ORS 011	MUSS, HYMAN BERNARD	ON/HEM 034
P. O. BOX 1549, MEDICAL BLDG.	A AC	MILWAUKEE, WI 53215	A AC	BOWMAN GRAY, DEPT. OF MED.	A AC
CANTON 28716	704 648-5215	MULLIS, DONALD LEE	PS/GS 060	WINSTON-SALEM 27103	919 748-4397
MORRISON, HUGH MAXWELL, JR.	OPH 063	111 VICTORIA ROAD	A AC	MUSSELWHITE, NEILL HECTOR, III	FP 065
P. O. BOX 460	A P * AC	ASHEVILLE 28801	704 252-7331	1602 DOCTOR'S CIRCLE	A * AC
PINEHURST 28374	919 295-6809	MULLIS, WILLIAM FRANK	PS/GS 060	WILMINGTON 28401	919 763-1896
MORRISON, LEON MACMILLAN	OBG 016	2215 RANDOLPH ROAD	A AC	MUTHER, ELLIS FRANK	N/P 067
9 MEDICAL PARK	AC	CHARLOTTE 28207	704 372-6846	721 PROFESSIONAL DR.	A AC
MOREHEAD CITY 28557	919 247-4297	MULVANEY, GERALD GARFIELD	OBG 092	NEW BERN 28560	919 633-3744
MORRISON, ROBERT HOLCOMBE	OBG 026	11613 APPALOOSA RUN, WEST	A AC	MYERS, CARY JOHN	FP 067
331 FAIRFIELD RD.	L/RT	RALEIGH 27612	919 755-8535	PO BOX 5025	AC
FAYETTEVILLE 28303	919 867-1044	MULY, EMIL C., III	032	JACKSONVILLE 28540	919 353-2300
MORRISON, ROGER WILLIAM	PTH/CLP 011	886 LOUISE CIRCLE, APT. 26-B	A S	MYERS, DAN ALLEN	U 054
4 LUCKY LANE	L/RT	DURHAM 27705	919 383-0529	KINSTON CLINIC, NORTH	A P AC
ASHEVILLE 28804	704 252-4868	MUMFORD, LARRY	NPM/PD 032	DOCTORS DRIVE	919 527-3043
MORROW, DOROTHY JACKSON	PD/A 006	3115 ACADEMY ROAD	A AC	KINSTON 28501	GS 025
P. O. BOX 95	AC	DURHAM 27707	919 489-1976	MYERS, JOSEPH S.	A AC
BANNER ELK 28604	704 898-9440	MUNDAY, TONA LEIGH	032	157 MALLARD LANE	919 527-3043
MORROW, RUFUS CLEGG	OTO/A 006	D-6 GRAHAM CONDOS.	A S	DAYTONA BEACH, FL 32019	GS/TS 092
P. O. BOX 95	AC	MC CAULEY ST.	919 929-0577	MYERS, RICHARD STANTON	A AC
BANNER ELK 28604	704 898-9440	CHAPEL HILL 27514	P 060	2800 BLUE RIDGE BOULEVARD	919 781-7414
MORROW, SARAH TAYLOR	PH/PD 092	MUNDORF, GEORGE	AC	RALEIGH 27607	GS/TS 034
3304 WADE AVE.	A * AC	6001 HEMBY ROAD	704 846-1276	MYERS, RICHARD THOMAS	AC
RALEIGH 27607	919 851-9305	MATTHEWS 28105	AN 001	300 S. HAWTHORNE RD.	919 748-4541
MORTENSON, RODNEY ALLEN	ORS/HS 041	MUNDY, DONALD ASHFORD	A AC	WINSTON-SALEM 27103	PD/PDC 034
2017 ST. ANDREWS ROAD	A AC	212 MEADOWOOD DRIVE	919 584-5352	MYRACLE, JOHN HOBART	A AC
GREENSBORO 27408	919 275-6318	BURLINGTON 27215	IM/END 024	250 CHARLOIS BOULEVARD	919 768-4730
MORTON, DUNCAN, JR.	PDS/GS 060	MUNROE, JOHN FRANCIS	A AC	WINSTON-SALEM 27103	IM 034
2104 RANDOLPH ROAD	A AC	BALDWIN WOODS, S.W.	919 642-2230	MYRICK, WILLIAM GLENN	AC
CHARLOTTE 28207	704 377-3900	P. O. BOX 1249	PD 063	FORSYTH MEDICAL PK. STE. 714	919 765-3088
MOSELEY, JAMES RENNIE	FP 092	WHITEVILLE 28472	AC	WINSTON-SALEM 27103	IM/PUD 041
340 N. MAIN STREET	AC	MUNSEY, FRANKLIN ALBERT	PD 063	NADEL, SCOTT MARTIN	AC
WAKE FOREST 27587	919 556-4826	424 LOVE 15 DRIVE	919 295-5659	721 GREEN VALLEY RD.	919 378-0774
MOSELEY, ROBERT GALLOWAY	PD 092	PINEHURST 28374	PD 092	GREENSBORO 27408	AN 060
BOX 7304, NCSU-S.H.S.	AC	MUNT, ROBERT LAWRENCE, JR.	AC	2001 VAIL AVE.	A AC
RALEIGH 27695	919 737-2563	4505 FAIR MEADOWS LN. #101	919 787-5495	MERCY HOSPITAL	704 375-4001
MOSELEY, WALTON STROZIER	032	RALEIGH 27607	OBG 074	CHARLOTTE 28207	DR 031
311 S. LASALLE ST. APT. 37-B	A S	MURAD, JOSEPH LOUIS	ON/HEM 041	P. O. BOX 708	P AC
DURHAM 27705	919 286-3311	1730 W. FIFTH STREET, EXT.	AC	KENANSVILLE 28349	919 296-0701
MOSER, ARTUS MONROE, JR.	NEP/IM 011	GREENVILLE 27834	AC	NAGEL, DONALD CHARLES	PYM/FP 011
10 MCDOWELL STREET	A AC	MURINSON, DONALD S.	919 373-0611	ALCOHOL REHAB CTR	A AC
ASHEVILLE 28801	704 258-8545	1511 WESTOVER TERRACE	034	P.O. BOX 1441	704 253-6364
MOSER, WADE HAUSER, JR.	DR 092	GREENSBORO 27408	A * S	BLACK MOUNTAIN 28711	P 060
CAPITAL RADIOLOGY ASSOC.	A AC	MURPHY, BARBARA ANN	919 765-5938	NAHSEY, BRIAN R.	A AC
P. O. BOX 17947	919 847-8564	1759 HAWTHORNE ROAD	ORS 041	501 BILLINGSLEY RD.	704 375-3575
RALEIGH 27619	GS/VS 036	WINSTON-SALEM 27103	A AC	CHARLOTTE 28211	032
MOSKOWITZ, MARK SANDERS	AC	MURPHY, DANIEL F.	919 292-8824	214-C BRANSON ST.	A S
2555 PEMBROKE ROAD	704 864-8377	530 N. ELAM AVE.	034	CHAPEL HILL 27514	IM/PUD 078
GASTONIA 28054	GP/PH 081	PO BOX 29523	919 724-5686	NAIK, SOMNATH	A AC
MOSS, GEORGE OREN	A L/RT	GREENSBORO 27403	FP/PD 032	4209 ALDWYCH ST.	919 738-1141
ROUTE #1, BOX 397JJ	704 245-2853	MURPHY, MICHAEL D.	A L	LUMBERTON 28358	GS/GYN 011
BOSTIC 28018	GP 014	1819 GRACE ST.	919 732-9314	NAILLING, RICHARD CABOT	L
MOSS, PAUL N.	A AC	WINSTON-SALEM 27103	GE/GE 080	5 DOCTOR'S PARK	704 254-6381
HUDSON 28638	704 728-3551	MURPHY, ROBERT JENNINGS, JR.	A L/RT	ASHEVILLE 28801	AN 053
MOSTELLAR, HENRY CURTIS, III	GS 034	RT. 4, BOX 197	704 633-2732	NAKAMOTO, RONA KEIKO	A AC
2229 PARKWAY DR.	A R	HILLSBOROUGH 27278	IM/PUD 036	722 HIGHLAND DR.	919 774-2100
WINSTON-SALEM 27103	919 723-7177	MURPHY, THOMAS LYNCH	A AC	SANFORD 27330	GS/CDS 023
MOTAPARTHY, VENKATASOMAIH C.	GE 096	409 MOCKSVILLE AVE.	704 867-2341	NAMAN, CARL HAWKINS	A P AC
2419-C E. ASH ST.	AC	SALISBURY 28144	034	1200 HARDIN DRIVE	704 482-6359
GOLDSBORO 27530	919 731-2526	MURPHY, THOMAS LYNCH, JR.	A S	SHELBY 28150	ORS 065
MOUNTJOY, JOHN ROBERT	OTO 034	1021 X-RAY DR.	919 765-1935	NANCE, CHARLES LEE, JR.	A * AC
1420 PLAZA DRIVE	A AC	GASTONIA 28054	919 765-1935	2001 S. 17TH STREET	919 763-7344
WINSTON-SALEM 27103	919 765-4922	MURPHY, WENDY ELAINE		WILMINGTON 28401	
		1539 1/2 HAWTHORNE RD.			
		WINSTON-SALEM 27103			

NANCE, FREDERICK LEE, JR. 314 PROFESSIONAL BUILDING KANNAPOLIS 28081	GP 013 A AC 704 932-0211	NEELON, FRANCIS ALBERT BOX 3021, DUMC DURHAM 27710	IM /END 032 A * AC 919 684-4307	NEWMAN, WILLIAM HAROLD 3427 MELROSE ROAD FAYETTEVILLE 28304	GS /TS 026 A AC 919 484-4106
NANCE, JOHN WESLEY 403 FAIRVIEW STREET CLINTON 28328	FP 082 A AC 919 592-6011	NEJSTROM, ERIC SHERWOOD 1007 PROFESSIONAL VILLAGE GREENSBORO 27401	ON /IM 041 A AC 919 272-2141	NEWMAN, WILLIAM NEAL WAKE HEART ASSOCIATES PO BOX 14427 RALEIGH 27620	CD /IM 092 AC 919 832-9253
NANDA, SUMIT BOX 2872, DUMC DURHAM 27710	OPH 032 A S 919 684-5142	NEISH, DONALD DEWITT 2609 N. DUKE STREET DURHAM 27704	IM /GER 032 AC 919 471-8446	NEWSOME, ALBERT RAY 1405 PLAZA DRIVE WINSTON-SALEM 27103	CD 034 A AC 919 765-4131
NANZETTA, LEONARD 2756 WINDSOR ROAD WINSTON-SALEM 27104	AN 034 A L/RT 919 768-7572	NELIUS, SIGRID J. VONRENNER WEST DURHAM STATION BOX 2899 DURHAM 27705	IM /GPM 032 A AC 919 383-6289	NEWSOME, JAMES FREDERICK UNC, BURNETT-WOMACK, 229-H CHAPEL HILL 27514	GS /ON 032 A AC 919 966-5221
NAPOLITANO, CHARLES A. 107 ECHO GLEN DR. APT. B4 WINSTON-SALEM 27106	034 A S 919 722-7787	NELSON, DAVID STEPHEN 248 FLINTSHIRE ROAD WINSTON-SALEM 27104	EM /GS 034 A AC 919 765-3950	NEWSOME, SAMUEL CARL P. O. BOX 1129 KING 27021	FP 034 A AC 919 983-4346
NAPPER, CLAY HUGHES 301 MILLER ST., STE. 209 WINSTON-SALEM 27103	IM 034 A AC 919 723-0789	NELSON, LEWIS HENRY, III BOWMAN GRAY, DEPT. OF OBG WINSTON-SALEM 27103	OBG /GYN 034 AC 919 748-4291	NEWTON, DALE ALAN 101 CLINIC DRIVE TARBORO 27886	IM /PD 033 A AC 919 823-2105
NASH, CARL WILLIAM 608 LINDEN DRIVE EDEN 27288	R 079 A AC 919 623-9711	NELSON, PHILIP GROESBECK MEDICAL PAVILION, SUITE #9 GREENVILLE 27834	P 074 A L 919 758-3145	NEWTON, DOUGLAS FRISBIE 1705 W. SIXTH STREET GREENVILLE 27834	GE /IM 074 AC 919 752-6101
NASH, HOKE SMITH, JR. 1600 E. THIRD STREET CHARLOTTE 28204	OTO 060 A AC 704 372-3300	NELSON, ROBERT BARRY P. O. BOX 10707 RALEIGH 27605	ORS 092 A AC 919 781-5600	NEWTON, GRAHAM DOUGALD 1600 E. FIFTH STREET CHARLOTTE 28204	D 060 A AC 704 376-1523
NASH, WILL LIGHT 34 FISHER CREEK ROAD SYLVA 28779	FP 050 A AC 704 586-4012	NEMEROFF, CHARLES BARNET BOX 3859, DUMC DURHAM 27710	P 032 A AC 919 684-6562	NEWTON, JIMMIE ISAAC 3030 TRENWEST DRIVE WINSTON-SALEM 27103	OBG 034 A AC 919 768-4310
NASHICK, GEORGE HENRY PO BOX 729 BAYBORO 28515	GP 025 A AC 919 633-1616	NERNESS, JOHN LAVON 513 N. JUSTICE ST. HENDERSOINVILLE 28739	OBG 045 AC 704 693-0736	NEWTON, JOHN THOMAS 403 FAIRVIEW ST. CLINTON 28328	FP 082 AC 919 592-6011
NASHOLD, JAMES REUBEN BLACKBURN 210 N. EASTERN ST. GREENVILLE 27834	074 A S 919 758-1793	NERNEY, JOHN JOSEPH 116 HOSPITAL DRIVE CLYDE 28721	OPH 044 AC 704 452-5816	NG, GODOFREDO TAN 1101 DRESSER COURT RALEIGH 27609	GS /TS 092 AC 919 876-2010
NASTALA, CHET LAWRENCE BOX 2779, DUMC DURHAM 27710	032 A S 704 452-0331	NESBIT, FREDERICK 1900 RANDOLPH ROAD, STE. 900 CHARLOTTE 28207	P 060 AC 704 333-7722	NG, KHYE WENG 1830 HILLANDALE ROAD DURHAM 27705	N /IM 032 A AC 919 383-5531
NATHAN, HENRY PAUL 102 HOSPITAL DRIVE CLYDE 28721	IG /IM 044 AC 704 452-0331	NESBIT, WILLIAM MICHAEL DOCTORS BLDG. SUITE 223 1012 S. KINGS DR. CHARLOTTE 28283	N 060 A AC 704 333-2853	NG, VICTOR WANG TA PO BOX 999 ROBERSONVILLE 27871	FP 007 AC 919 795-3018
NATHAN, LAUREN 548 FINLEY ST. DURHAM 27705	A S 919 383-4227	NESE, MARC HENRY 1100 OLIVE ST. GREENSBORO 27401	U 041 A AC 919 373-0871	NIASZ-SAI, ABDOLHAKIM 208 HALL STREET WADESBOBO 28170	IM /HEM 004 A AC 704 694-5159
NATION, ROY GLEN 407 N. HERMAN STREET GOLDSBORO 27530	GP /IM 096 AC 919 735-6261	NEVILLE, CECIL HOWELL, JR. PINEHURST ORS CLINIC P. O. BOX 1650 PINEHURST 28374	ORS 063 A * AC 919 295-1392	NICASTRO, JOSEPH FRANCIS 4159 GREENMEAD ROAD WINSTON-SALEM 27106	ORS 034 A AC 919 748-3947
NAUMOFF, PHILIP 1012 KINGS DRIVE CHARLOTTE 28283	FP 060 A * L 704 334-4665	NEWBORG, BARBARA BOX 3385, DUMC DURHAM 27710	IM 032 A AC 919 684-3418	NICHOLS, GEORGE LOUIS 1431 LAUREL LANE GASTONIA 28054	P /CHP 036 AC 704 867-4411
NAVE, LESTER DAVID, JR. 111 FAIRVIEW ROAD ROCKY MOUNT 27801	SP 033 AC 919 446-3333	NEWELL, ERNEST T. DUKE POWER MCGUIRE STA. PO BOX 448 CORNELIUS 28031	OM /FP 060 A P AC 704 588-1265	NICHOLS, MARK LOVEL 2425 COLEY FOREST PLACE RALEIGH 27612	IM /EM 092 AC 919 755-8589
NAYLOR, LEE ANN ALLEN 3681 SQUIREWOOD DR. CLEMMONS 27012	DR 034 R 919 922-3244	NEWELL, JOSEPHINE E. RALEIGH TOWNE, APT. #47 525 WADE AVENUE RALEIGH 27605	FP 098 A * AC 919 733-7611	NICHOLS, SUSAN BETH 1054 BURRAGE ROAD, NE CONCORD 28025	OBG 013 A AC 704 788-4151
NEAL, CHARLES BODINE, III 2919 COLONY ROAD DURHAM 27705	PD 032 A AC 919 489-9158	NEWELL, LANNING RICHARD 3320 EXECUTIVE DR., STE. 119 RALEIGH 27609	A * AC 919 878-9465	NICHOLSON, CHARLES H. PO BOX 18139 RALEIGH 27619	AN 092 A AC 919 781-7420
NEAL, DEMAR AUSTIN, III 708 HARTNESS ROAD STATESVILLE 28677	GS /CDS 049 A P * AC 704 873-1024	NEWELL, MCARTHUR 1710 E. BESSEMER AVE. PO BOX 21503 GREENSBORO 27420	OBG 041 A AC 919 274-1558	NICHOLSON, JAMES EVANS, III 304 MCCASKEY ROAD WILLIAMSTON 27892	FP 007 A AC 919 792-8193
NEAL, RUTHERFORD DOUGLAS 2214 THETFORD CT. CHARLOTTE 28211	GS /GYN 060 A L/RT 704 365-6541	NEWELL, ROBERT BARTHOLOMEW EMERALD ISLE, RT. 1, BOX 949-E MOREHEAD CITY 28557	GE /IM 092 A AC 919 883-2156	NICHOLSON, JOHN HARVEY, II 760-G HARTNESS ROAD STATESVILLE 28677	IM 049 A AC 704 873-8368
NEAL, WILLIAM RONALD 1507 WESTOVER TERR. GREENSBORO 27408	OBG 041 AC 919 273-3661	NEWLAND, CHARLES LOGAN 104 WOODSIDE DR. BREVARD 28712	GS /EM 040 A L/RT 919 354-3152	NICHOLSON, THOMAS WESTRAY 615 E. 12TH STREET WASHINGTON 27889	CD /IM 007 AC 919 946-2101
NEALE, RICHARD CARROLL, JR. P. O. BOX 249 RUTHERFORD COLLEGE 28671	PTH /CLP 012 A AC 704 879-8767	NEWLAND, DAVID HAROLD 200 E. NORTHWOOD ST., STE. 304 GREENSBORO 27401	FP 088 A L/RT 704 883-2156	NICKENS, LARRY COBB 2706 MEDICAL OFFICE PLACE GOLDSBORO 27530	PD 096 AC 919 734-4736
NEALE, WIRT THOMAS 149 PROVIDENCE ROAD CHARLOTTE 28207	PD 060 AC 704 377-5571	NEWMAN, EDWIN 3535 RANDOLPH RD. CHARLOTTE 28211	GS 041 A AC 919 378-9811	NICKS, DENNIS BART 2305 CANTERWOOD WILMINGTON 28401	PS /HS 065 AC 919 343-0119
NEAVE, VICTORIA C.D. 606 N. ELM ST. HIGH POINT 27262	NS 040 A AC 919 889-8877	NEWMAN, HAROLD HASTINGS, JR. 516 MOCKSVILLE AVENUE SALISBURY 28144	R 060 A AC 704 364-0568	NIEMEYER, CHARLES JOHN 902 COX ROAD, SUITE A GASTONIA 28054	P 001 A AC 919 228-0581
NEBEL, WILLIAM ARTHUR CONNER DR. PROF. BLDG. CHAPEL HILL 27514	OBG 032 AC 919 942-8571	NEWMAN, ROBERT HENRY PO BOX 659 LENOIR 28645	GP /OM 080 A AC 704 633-7070	NIELAND, ROBERT BRUCE 24 SECOND AVENUE, N. E. HICKORY 28601	FP 018 A * AC 704 328-2231
NEBLETT, DONALD THOMAS 16 ALL SOULS CRESCENT ASHEVILLE 28803	P /PD 011 A AC 704 274-1415	NEWMAN, WALTER JOSEPH 6 DOCTOR'S PARK GREENVILLE 27834	DR 014 A AC 704 754-2283	NIEMI, GARY STEWART 1350 S. KINGS DR. CHARLOTTE 28207	ORS 036 A * AC 704 865-6487
NEELAND, EUGENE CRAWFORD 606 FAIRVIEW AVENUE WILSON 27893	FP 098 A L/RT 919 243-5530		NEP 074 A AC 919 752-8880		CD 060 P AC 704 372-8750
NEELEY, BRUCE CARLTON 1911 HILLANDALE RD. STE. 1040 DURHAM 27705	P /PYM 032 A AC 919 383-1516				

NIETERS, GERALD FRANCIS	DR 049	NOWLIN, GEORGE PRESTON	U 060	ODERE, FRED GORDON	PTH 032
P. O. BOX 688	AC	1868 MARYLAND AVENUE	A L/RT	DURHAM CO. HOSP-PTH	P AC
MOORESVILLE 28115	704 663-3479	CHARLOTTE 28209	704 334-0302	DURHAM 27704	919 470-5243
NIFONG, FRANK MILLER	FP 034	NUGENT, RICHARD RECHER	GPM /OBG 032	ODOM, GUY LEARY	NS 032
P. O. BOX 988	L	DIV. OF HEALTH SERVICES	AC	2812 CHELSEA CIRCLE	A L/RT
CLEMMONS 27012	919 766-6811	P. O. BOX 2091		DURHAM 27707	919 489-2206
NIFONG, LESLIE WILEY	074	RALEIGH 27602	919 733-3816	OELRICH, AUGUST M.	GS 053
310 HIDDEN BRANCHES CLOSE	A S	NUNLEY, JAMES ALBERT, II	ORS /HS 032	P. O. BOX 1169	A L
WINTERVILLE 28590	919 355-7477	BOX 2919, DUMC	A AC	SANFORD 27330	919 775-7146
NISBETT, DONALD ALWIN	FP 083	DURHAM 27710	919 684-4033	OGBURN, LUNDIE CALVIN	GYN 034
616 ATKINSON ST.	AC	NUNNALLY, JAMES THOMAS, III	CHP /P 092	312 FORSYTH MEDICAL PARK	A P L
LAURINBURG 28352	919 277-0971	2000 YORKGATE DRIVE	A AC	WINSTON-SALEM 27103	919 765-9150
NIXON, WILLIAM PRESTON, JR.	NEP /IM 065	RALEIGH 27612	919 781-1160	OGBURN, PAUL LANIER	GS /TRS 049
1302 MEDICAL CENTER DRIVE	A AC	NUTT, JAMES EDWARD	CD /IM 092	STATESVILLE MEDICAL GROUP	AC
WILMINGTON 28401	919 763-3651	3400 EXECUTIVE DR., STE. 201	A P AC	PO BOX 1460	
NOAH, HUGH BRYAN	ORS /HS 040	RALEIGH 27609	919 872-8920	STATESVILLE 28677	704 878-2011
624 QUAKER LANE, SUITE D-200	AC	NUTT, SUZANNE HAMILTON	074	OGDEN, ROBERT HARVEY	OBG 036
HIGH POINT 27262	919 841-6262	717 SNOW HILL ST.	A S	902 COX RD., STE. F	A AC
NOAH, VAN BATCHELOR	OPH 092	AYDEN 28513	919 746-4695	GASTONIA 28054	704 867-6386
3900 OLD WAKE FOREST RD.	A AC	NYE, MARY JANE LOVE	PD /ADL 032	OLATIDOYE, BABATILINDE A.	032
SUITE 104		1919 WILSHIRE DRIVE	AC	PO BOX 187	A S
RALEIGH 27609	919 872-3242	DURHAM 27707	919 489-9534	CHAPEL HILL 27514	919 933-6346
NOECKER, ROBERT J.	032	NYE, SYLVANUS WILLIAM	PTH /CLP 054	OLDER, ROBERT ALAN	DR 032
PO BOX 884	A S	700 ROUNDTREE STREET	A AC	3104 DEVON RD.	A P AC
CHAPEL HILL 27514	919 781-0707	KINSTON 28501	919 522-7141	DURHAM 27707	919 383-6984
NOEL, RICHARD DAVID	GS 039	O'BAR, PAUL RUPERT	IM /ID 060	OLDHAM, H. NEWLAND, JR.	CDS /GS 032
1026 COLLEGE STREET	A AC	1350 S. KINGS DRIVE	A AC	DUKE UNIV. MED. CTR.	A AC
OXFORD 27565	919 693-7066	CHARLOTTE 28207	704 372-8750	DURHAM 27710	919 684-3243
NOEL, ROBERT F., JR.	032	O'BRIEN, THOMAS FRANCIS, JR.	GE /IM 074	OLEEN, GEORGE GERHARD	FP /IM 090
RT. #11, BOX 94	A S	ECU SCHOOL OF MEDICINE	A AC	103 S. HAYNE STREET	A L
CHAPEL HILL 27514	919 968-6454	GREENVILLE 27834	919 551-4652	MONROE 28110	704 283-6622
NOELL, JOHN STANFORD	FP 011	O'CAIN, CHARLES FRANK	PUD /IM 011	OLESON, JAMES ROBERT	TR /ON 032
OLD HIGHWAY 70	AC	30 CHOCTAW STREET	A AC	BOX 3085, DUMC	A AC
P. O. BOX 1441		ASHEVILLE 28801	704 255-7733	DURHAM 27710	919 684-3742
BLACK MOUNTAIN 28711	704 669-3425	O'CONNOR, MICHAEL LEE	PTH 034	OLIN, DAVID BAKER	NEP /IM 041
NOLAN, CLYDE, JR.	D 041	BOWMAN GRAY, DEPT. OF PATH.	AC	208 W. WENDOVER AVENUE	AC
1100 OLIVE STREET	A AC	WINSTON-SALEM 27103	919 748-4311	GREENSBORO 27401	919 379-9708
GREENSBORO 27401	919 379-1193	O'CONNOR, ROBERT DARRELL	OTO 018	OLINGER, BENJAMIN RAY	OTO 011
NOLAN, ROBERT EARL	GS /VS 034	FAIRGROVE CHURCH ROAD	A P AC	131 MCDOWELL STREET	A AC
1901 S. HAWTHORNE, STE. 210	A AC	P. O. DRAWER 2484		ASHEVILLE 28801	704 254-3517
WINSTON-SALEM 27103	919 765-5101	HICKORY 28601	704 322-3725	OLIVER, ANDREW BLAINE, JR.	OBG 060
NOMEIR, ABDEL-MOHSEN	CD /IM 034	O'DONNELL, ROBERT WILLIAM	P 025	UNIV. MED. OFFICE BLDG., STE. A323	AC
3219 PENSBY ROAD	A AC	2407 GRACE AVE.	A AC	101 W. T. HARRIS BLDG.	
WINSTON-SALEM 27106	919 748-4581	PO BOX 2587		CHARLOTTE 28211	704 372-8020
NORBURN, CHARLES S.	GS 011	NEW BERN 28560	919 633-4171	OLIVER, DAVID CLARK	CD /IM 025
P. O. BOX 5216	A L	O'NEAL, EVA MANN	074	702 NEWMAN RD.	AC
BILTMORE 28803	704 272-6204	1924 WHITE HOLLOW DR.	A S	MCCARTHY SQUARE	
NORBURN, RUSSELL LEE	EM 011	GREENVILLE 27858	919 756-9049	NEW BERN 28560	919 633-5333
1617 HENDERSONVILLE RD.	A L	O'NEAL, RUTH	PD 034	OLIVER, FRANCIS THEODORE	AN /PH 014
ASHEVILLE 28803	704 274-3557	BOWMAN GRAY, DEPT. OF PED.	A L	217 MT. CIRCLE DR.	AC
NORCROSS, FREDERICK CLEVELAND	PD 036	WINSTON-SALEM 27103	919 727-8105	LENOIR 28645	704 754-8421
1839 E. GARRISON BOULEVARD	AC	O'NEIL, H. WILLIAM	OBG 067	OLIVER, FREDERICK CARLTON, JR.	IM 092
GASTONIA 28052	704 864-2685	200 MEMORIAL DR.	A AC	103 BAINES COURT	A AC
NORDAN, JOHN MCLEAN	U 013	JACKSONVILLE 28540	919 353-2115	CARY 27511	919 467-6125
102 LAKE CONCORD ROAD, N.E.	A AC	O'NEILL, MICHAEL RAYMOND	U 060	OLIVER, GEORGE MOTLEY, JR.	OBG 016
CONCORD 28025	704 786-5131	1900 RANDOLPH RD., STE. 816	A AC	6 MEDICAL PARK	AC
NORDSTROM, CARL ROBERT	FP 095	CHARLOTTE 28207	704 334-3033	MOREHEAD CITY 28557	919 726-8016
10 DOCTOR'S DR.	AC	O'QUINN, EDWARD NELSON	OBG 065	OLIVER, JOHN GLADSON	OPH 097
BOONE 28607	704 264-3881	1612 DOCTOR'S CIRCLE DRIVE	L/RT	408 EIGHTH STREET	A AC
NORFLEET, CHARLES MILLNER, JR.	U 034	WILMINGTON 28401	919 763-9015	NORTH WILKESBORO 28659	919 838-5121
1244 ARBOR ROAD, #199	A L/RT	O'ROARK, HENRY CLYDE	OBG 060	OLIVER, JOSEPH ANDREW	FP 080
WINSTON-SALEM 27104	919 722-1464	2711 RANDOLPH RD. STE. 309	AC	P. O. BOX 458	A L
NORINS, MICHAEL ELLIOTT	032	CHARLOTTE 28207	704 377-3396	ROCKWELL 28138	704 279-7227
122 WINDSOR PLACE	A R	OAK, CHANG YOON	IM 007	OLIVER, KENNETH LEON	OBG 060
CHAPEL HILL 27514	919 933-0367	HIGHWAY 64 EAST	A AC	1900 RANDOLPH ROAD	AC
NORMAN, ANDY MURRAY	OBG 095	PO BOX 987		CHARLOTTE 28207	704 377-5675
20 DOCTOR'S PARK	AC	PLYMOUTH 27962	919 793-9051	OLIVER, WILLIAM RUSSELL	PTH 032
BOONE 28607	704 264-1232	OAKES, WALTER JERRY	NS 032	114-B FIDELITY STREET	A R
NORRIS, CHARLES BRADLEY	IM 060	BOX 3272, DUMC	A AC	CARRBORO 27510	919 929-7120
1310 SCOTT AVENUE	L	DURHAM 27710	919 684-5013	OLKOWSKI, STEVEN THOMAS	OPH 034
CHARLOTTE 28204	704 334-0450	OAKLEY, STANLEY PRESTON, JR.	P 074	1160 EDENWOOD DRIVE	A R
NORRIS, H. THOMAS	PTH 074	3025 VENTOSA DR.	A R	WINSTON-SALEM 27103	919 760-2157
PITT COUNTY MEM. HOSPITAL	A AC	CHARLOTTE 28205	704 537-3643	OLSEN, ELISE ARLINE	D/IM 032
GREENVILLE 27834	919 551-4951	OAKLEY, WARD SAYRE, JR.	ORS 063	BOX 3294, DUMC	AC
NORTON, EVE GWENDOLYN	EM 060	P. O. BOX 1650	A AC	DURHAM 27710	919 684-6844
701 REGENCY DR.	AC	PINEHURST 28374	919 295-4200	OLSEN, JEFFREY DOVE	034
CHARLOTTE 28211	704 364-1038	OATES, LARRY ALLEN	IM 092	2451 BOONE AVE.	A S
NOTO, JOSEPH ANTHONY	TS /GS 011	2900 HIGHWOODS BLVD.	AC	WINSTON-SALEM 27103	919 725-9812
520 BILTMORE AVENUE	A AC	RALEIGH 27604	919 878-9870	OLSEN, KENNETH GEORGE	AN 067
ASHEVILLE 28801	704 252-7357	OBER, KARL PATRICK	END /IM 034	137 COKE PLACE	AC
NOVEK, STEVEN JAI	032	300 S. HAWTHORNE RD.	AC	JACKSONVILLE 28540	919 455-0188
A-11 UNIVERSITY GARDENS APTS.	A S	WINSTON-SALEM 27103	919 748-2076	OLSON, BEVERLY	IM /EM 041
CHAPEL HILL 27514	919 929-8823	OBERLIN, DELOY CHARLES	AN /EM 018	1919-A BOULEVARD ST.	AC
NOWLAN, FAGG BERNARD	FP 041	ROUTE #3, BOX 690	A P AC	GREENSBORO 27407	919 854-8900
4308 KIMMLEDGE ROAD	A RT	NEWTON 28658	704 322-6070		
GREENSBORO 27406	919 674-5100				

OLSON, DAVID GEORGE 7108 PINEVILLE-MATTHEWS RD. NALLE CLINIC CHARLOTTE 28226	IM 060 AC 704 542-1952	OTTENI, GERALD VINCENT 123 OVERBROOK DRIVE CONCORD 28025	DR 013 A AC 704 786-2111	PAGE, ERNEST BENJAMIN, JR. 2800 BLUE RIDGE BLVD., STE. 503 RALEIGH 27607	IM 092 A AC 919 782-7500
OLSON, PAUL RICHARD ROUTE #3, BOX 112 LEICESTER 28748	FP 011 A * AC 704 258-0635	OUTLAND, ROBERT BOONE P. O. BOX 410 RICH SQUARE 27869	GP 066 A L/RT 919 539-2755	PAGE, GEORGE DANTZLER 2128 QUEENS ROAD EAST CHARLOTTE 28207	GS 060 A L/RT 704 377-9788
OLSON, ROBERT MORTIMER ROUTE #1, BOX 229-R KENLY 27542	OPH 051 A L/RT 919 284-2526	OVERBY, JOSEPH RANDAL, JR. 810 KENNEDY AVE. P. O. BOX 5409 NEW BERN 28560	FP 025 A AC 919 633-1678	PAGTER, AMOS TOWNSEND, JR. 107 WILDERNESS ROAD TRYON 28782	IM 075 A P AC 704 859-6697
OLYMPIO, GEORGIA K. 526 OSBORNE RD. WINSTON-SALEM 27103	PTH 034 A R 919 768-5217	OVERCASH, HAROLD PAYNE 3616 ALAMANCE DR. RALEIGH 27609	PD 092 AC 919 787-0266	PALMER, JEFFRESS GARY N. C. MEMORIAL HOSPITAL CHAPEL HILL 27514	IM /HEM 032 AC 919 966-3311
OLYMPIO, MICHAEL A. 526 OSBORNE RD. WINSTON-SALEM 27103	AN 034 AC 919 768-5217	OVERCASH, WILLIAM TODD P.O. BOX 1694 ALBEMARLE 28002	032 A S 704 334-4663	PALMER, ROBERT MARION P. O. BOX 1159 TRYON 28782	FP 075 A AC 704 894-3306
OMAN, TIMOTHY ROY BOX 2914 DUMC DURHAM 27710	FP 032 R 919 286-9896	OVERTON, DOLPHIN HENRY, JR. 132 FOY DRIVE ROCKY MOUNT 27801	OBG 064 AC 919 443-6622	PANCOTTO, FRANK SALVATORE 920 N. CHURCH ST. CONCORD 28025	GE 013 AC 704 788-4186
OMER, SYED BROUGHTON HOSPITAL MORGANTON 28655	N/IM 012 A AC 704 433-2284	OVERTON, MARK HOWARD STAR ROUTE, BOX 207A GASTON 27832	IM /FP 042 A AC 919 535-2966	PANDARINATH, GUPTA DRAWER 158 ROANOKE RAPIDS 27870	GE /IM 042 A AC 919 537-0135
ONTJES, DAVID AINSWORTH UNC SCHOOL OF MEDICINE CHAPEL HILL 27514	END /IM 032 AC 919 966-4468	OWEIDA, SAMI JOSEPH 1900 RANDOLPH RD. STE. 410 CHARLOTTE 28207	060 AC 704 334-4663	PANOSH, WANDA KOTVAN ANNA GOVE HEALTH CENTER UNC AT GREENSBORO GREENSBORO 27412	PD /IM 041 AC 919 379-5340
ORBOCK, JACOB ALEXANDER 250 CHARLOIS BOULEVARD WINSTON-SALEM 27103	IM /CD 034 A AC 919 768-4730	OWEN, CHARLES FLETCHER, JR. P. O. BOX 146 ASHEBORO 27203	R 076 A L 919 625-5151	PANTELAKOS, CONSTANTINE G. 1653 OWEN DRIVE FAYETTEVILLE 28304	OTO 026 AC 919 484-5108
ORCUTT, JAMES MICHAEL 1327 REVERE RD. WINSTON-SALEM 27103	034 A S 919 725-8866	OWEN, ROBERT HARRISON 127 1/2 MAIN STREET CANTON 28716	ABS /GP 044 A L 704 648-2142	PANZA, WILLIAM SEBASTIAN 1800 WILLIAMSBURG RD. APT. 8-E DURHAM 27707	032 A S 919 489-4104
ORGAIN, EDWARD STEWART 3321 DEVON ROAD DURHAM 27707	CD /IM 032 A L/RT 919 489-2111	OWEN, WILLIAM BOYD PO BOX 780 OWEN-SMITH CLINIC, PA WAYNESVILLE 28786	GP 044 A P * AC 704 456-8601	PAOLINI, JOHN FRANK BOX 2832, DUMC DURHAM 27710	032 A S
ORLANDO, ROY CHARLES 324 CLINICAL SCIENCES BLDG. UNC DEPT. OF MEDICINE 229-H CHAPEL HILL 27514	GE /IM 032 AC 919 966-2511	OWENS, BERNARD JAMES, III 1017 PROFESSIONAL VILLAGE GREENSBORO 27401	CDS /GS 041 A AC 919 274-2933	PAPADOPOULOS, SPYRIDON G. 3700-205 CHIMNEY RIDGE PL. DURHAM 27713	032 A S 919 493-0718
ORLOWSKI, RICHARD 225 18TH ST. SE P. O. BOX 3710 HICKORY 28603	ON /HEM 018 AC 704 324-9550	OWENS, FRANCIS LEROY 510 N. W. BROAD STREET SOUTHERN PINES 28387	GP /ABS 063 A L 919 692-6022	PAPINEAU, ALBAN PO BOX 686 PLYMOUTH 27962	FP 007 A L 919 793-4155
ORMAND, JOHN WILLIAM, JR. 1809 GLEN MEADE ROAD WILMINGTON 28401	OBG 065 A AC 919 763-1505	OWENS, FREDERICK THOMAS 912 SECOND STREET, N.E. HICKORY 28601	PUD /IM 018 AC 704 322-8265	PAPPAS, PAMELA ANNE DEPT. OF PSY. ECU SCH. OF MEDICINE GREENVILLE 27858	P 074 A AC 919 551-2404
ORMAND, THOMAS LANE 1408 E. FRANKLIN ST. MONROE 28110	OBG 090 A AC 704 289-2553	OWENS, ROBERT CARL 341 E. PARKER ROAD MORGANTON 28655	IM 012 A AC 704 433-0225	PAPPAS, PETER GEORGE 1302 MEDICAL CENTER DR. WILMINGTON 28401	ID /IM 065 A AC 919 763-3651
ORNITZ, ROBERT DAVID 4420 LAKE BOONE TRAIL RALEIGH 27607	ON /TR 092 A AC 919 755-3018	OWENS, WILLIAM LAWRENCE WOODSIDE PROF. BLDG. CLINTON 28328	IM 082 A P AC 919 592-4605	PARADA, MALCOLM PERRY 315 MOCKSVILLE AVENUE SALISBURY 28144	OBG 080 A AC 704 636-9270
ORR, LYNN HUIE, JR. ECU DEPT. OF MEDICINE GREENVILLE 27834	CD /IM 074 AC 919 551-4651	OWENS, ZACK DOXEY P. O. BOX 422 ELIZABETH CITY 27909	GS /GYN 070 A L/RT 919 335-4492	PARANKA, JULIA ANNE 3536 MAYFAIR ST. #102 DURHAM 27707	032 A S 919 493-7736
ORR, SAMUEL LAWRENCE CHARLOTTE MEMORIAL HOSPITAL P. O. BOX 32861 CHARLOTTE 28232	PTH 060 AC 704 338-2251	OWL-SMITH, FRANCES 301 ROLLINGWOOD ROAD CHAPEL HILL 27514	032 A * S 919 933-5102	PARFITT, HENRY E., JR. 1786 METROMEDICAL DR. FAYETTEVILLE 28303	U 026 AC 919 485-8151
ORRINGER, EUGENE PAUL UNC, DIV. OF HEM. DEPT. OF MED. 340 MACNIDER BLDG. 202-H CHAPEL HILL 27514	HEM /IM 032 AC 919 966-2467	OWSLEY, JAMES HAROLD P. O. BOX 308 HICKORY 28601	R/NM 018 A * AC 704 322-2644	PARHAM, SUMNER MALONE 973 MEADOW LANE HENDERSON 27536	GYN /OBS 091 A L/RT 919 438-3751
ORRISON, WILLIAM GRESHAM 335 E. PARKER ROAD MORGANTON 28655	OPH 012 AC 704 433-6220	OXNER, CLAUDIA GERTRUDE DOCTOR'S BLDG., RM. #202 ASHEVILLE 28801	AN 011 A P AC 704 254-1960	PARK, H. KIM ECU, DEPT. OF CLINICAL PATH. GREENVILLE 27834	PTH 074 A * AC 919 551-4495
OSBORNE, JAMES C. 3017 ROBIN HOOD DR. GREENSBORO 27408	IM 041 AC 919 274-3241	OZER, HOWARD UNC 3019 OLD CLINIC BLDG. 226H CHAPEL HILL 27514	ON 032 AC 919 966-4431	PARKE, CHARLES EDWARD 614 CASWELL RD. CHAPEL HILL 27514	032 A S 919 942-6631
OSCHWALD, DONALD L.A., JR. 1112 DRESSER COURT RALEIGH 27609	PS 092 A AC 919 892-2616	PAAR, JOHN ARTHUR 1212 CEDARHURST DR. RALEIGH 27609	CD /IM 092 AC 919 872-4850	PARKE, JAMES CLIFTON, JR. P. O. BOX 32861 CHARLOTTE 28232	PD /NPM 060 A AC 704 338-3156
OSTERHOUT, SHIRLEY K. BOX 3007, DUMC DURHAM 27710	PD 032 P AC 919 684-2498	PACE, JOHN SANDERSON 825 INLET VIEW DRIVE WILMINGTON 28403	AN 065 A P * AC 919 256-4008	PARKER, CHARLES LAWRENCE 801 MCCARTHY BLVD. NEW BERN 28560	OBG /GYN 025 A AC 919 633-3942
OSTMAN, DAVID LEE DOCTOR'S PK., BLDG. 5 GREENVILLE 27834	OBG 074 A AC 919 758-5246	PACKER, JOHN WESLEY 3515 GLENWOOD AVE. PO BOX 10707 RALEIGH 27605	ORS /HS 092 A * AC 919 781-5600	PARKER, HERMAN RICHARD, JR. 408-B PARKWAY DRIVE GREENSBORO 27401	IM 041 A * AC 919 275-9804
OSTROW, BARRY SEYMOUR 3049 ESSEX CIR. BLDG. A RALEIGH 27608	P 092 AC 919 782-1366	PADDISON, GEORGE MARION 3920 REGENT ROAD DURHAM 27707	R 032 A P AC 919 489-0272	PARKER, JAMES LEE 850-H 8TH ST. NE HICKORY 28601	PTH 018 A AC 704 322-3821
OSTROWSKI, EDWARD S. 831 WARWICK COURT BURLINGTON 27215	DR 001 AC 919 227-1147	PADEN, PAUL ALEXANDER 3125 BROOKRIDGE LANE CHARLOTTE 28211	TR 060 A RT 704 366-7883	PARKER, JOHN CURTIS N. C. MEMORIAL HOSPITAL CHAPEL HILL 27514	HEM /IM 032 AC 919 966-2468
OTT, DAVID JAMES 4761 GREY FOX COURT WINSTON-SALEM 27104	DR 034 A AC 919 765-7633	PADGETT, RICHARD CAMERON 411 MCCAULEY ST. CHAPEL HILL 27514	032 A S 919 942-5518	PARKER, JOSEPH B., JR. BOX 3838, DUMC DURHAM 27710	P/PYM 032 A AC 919 684-2415
		PAGANO, JOSEPH STEPHEN UNC, LINEBERGER CANCER RES. CHAPEL HILL 27514	IM /ID 032 AC 919 966-3036	PARKER, MICHAEL DEAN 3404 WYNNWOOD DRIVE GREENSBORO 27408	R 041 A AC 919 288-2324

PARKER, MICHAEL YOUNG 3100 BLUE RIDGE RD., STE. 201 RALEIGH 27612	OTO /HNS 092 A P AC 919 787-1374	PASCHOLD, EUGENE H. 3314 HEALY DR. STE. 107 WINSTON-SALEM 27103	ON /IM 034 A * AC 919 768-2521	PATTERSON, THOMAS HENRY, JR. 701 N. MAIN STREET FARMVILLE 27828	FP 074 AC 919 753-3193
PARKER, PAUL EDWIN N. C. MEMORIAL HOSPITAL CHAPEL HILL 27514	AN 032 A R 919 477-2475	PASQUINI, JOHN ALDO 125 BALDWIN AVE. CHARLOTTE 28204	CD /IM 060 A AC 704 338-6300	PATTON, DENZIL D. ECU SCHOOL OF MED. PO BOX 1846 GREENVILLE 27835	FP 074 A AC 919 551-4614
PARKER, PETER EMENS 2933 MAPLEWOOD AVENUE WINSTON-SALEM 27103	GS /VS 034 A AC 919 765-0155	PATE, BARRY REEVES 285 MCDOWELL STREET ASHEVILLE 28803	OTO /HNS 011 AC 704 252-1853	PATTON, SUZANNE ELIZABETH 2808 ERWIN RD., APT. 6A DURHAM 27705	032 A S 919 383-0446
PARKER, ROBERT L., JR. 822 S. CHERRY ST. KERNERSVILLE 27284	OBG 034 A AC 919 993-4532	PATE, CARL DANIEL, JR. PO BOX 986 BEULAVILLE 28518	FP 031 A AC 919 757-4100	PAUCA, ALFREDO LAZO 300 S. HAWTHORNE RD. WINSTON-SALEM 27103	AN 034 A AC 919 748-4473
PARKER, ROY TURNAGE BOX 3097, DUMC DURHAM 27710	OBG 032 A AC 919 684-2626	PATE, DEWEY HARRIS WAKE MEMORIAL HOSPITAL RALEIGH 27610	PTH 092 A AC 919 755-8260	PAUL, FRANKLIN ARTHUR 6834 TOWBRIDGE ROAD FAYETTEVILLE 28306	GS 026 A AC 919 599-3346
PARKER, SAMUEL LESTER, JR. KINSTON CLINIC, NORTH KINSTON 28501	OBG 054 A AC 919 522-4333	PATE, DORIS CATHERINE MEDICAL OAKS APTS. #C-2 GREENVILLE 27834	A S 919 757-3513	PAUL, VINCENT EDGAR 530 N. ELAM AVENUE GREENSBORO 27403	ORS 041 A P * AC 919 292-8824
PARKER, TALBOT FORT, JR. 2400 WAYNE MEM. DR. STE K GOLDSBORO 27530	OBG 096 A AC 919 734-3344	PATE, EUGENE WESLEY, JR. KINSTON CLINIC, NORTH KINSTON 28501	ORS 054 AC 919 522-4155	PAULSON, DAVID FREEMAN BOX 2977, DUMC DURHAM 27710	U 032 A AC 919 684-5057
PARKER, WILLIAM PAXTON, JR. 1303 CYPRESS GROVE DR. WILMINGTON 28401	NS 065 A AC 919 762-1804	PATE, MARION BUTLER, III 555 CARTHAGE ST. SANFORD 27330	GE /IM 053 AC 919 774-4511	PAYNE, CLIFTON GADBERRY P. O. DRAWER 1857 REIDSVILLE 27320	FP 079 AC 919 349-5040
PARKERSON, GEORGE ROBERT, JR. BOX 2914, DUMC DURHAM 27710	FP 032 A AC 919 286-9896	PATE, WILLIAM HENRY P. O. BOX 129 PIKEVILLE 27863	GP 096 A AC 919 242-5271	PAYNE, FRED WILLIAM, JR. 100 NASH MEDICAL ARTS MALL ROCKY MOUNT 27801	GS 064 AC 919 443-9084
PARKERSON, WALTER TUCK 225 HAWTHORNE LANE CHARLOTTE 28204	OPH 060 A AC 704 377-3689	PATEL, JAYESH KANCHANLAL 109 STEWARD LANE GREENVILLE 27834	A S 919 756-8948	PAYNE, JEFFREY C. 315 S. SUNSET DR. APT. 2 WINSTON-SALEM 27103	034 A * S 919 723-1491
PARKIN, CHARLES EVAN 737 ST. CLOUD STATESVILLE 28677	AN 049 P * AC 704 873-5661	PATEL, MAHENDRA S. 240 SMITH CHURCH RD. ROANOKE RAPIDS 27870	IM /ON 042 A AC 919 537-0134	PAYNE, LOEL ZACHARY RT. #11, BOX 94 CHAPEL HILL 27514	032 A S 919 968-6454
PARKS, WILLIAM B., III 205-B LINDBETH DR. GREENVILLE 27834	074 A S 919 355-5744	PATEL, VIJESH K. 109 STEWARD LANE GREENVILLE 27834	074 A S 919 756-8948	PAYNE, ROBERT BENJAMIN 3535 RANDOLPH ROAD CHARLOTTE 28211	IM /CD 060 A AC 704 365-0760
PARKS, WILLIAM CRAIG 624 QUAKER LANE, SUITE 207-A HIGH POINT 27262	IM 040 L 919 841-4233	PATLAK, ERWIN M. 192 VILLAGE DR. JACKSONVILLE 28540	P /EM 067 A P * AC 919 577-1400	PAYNE, THOMAS ARTHUR 405-A COOLRIDGE ST. CHAPEL HILL 27514	032 A S 919 929-4291
PARLIER, REGGIE DAVID 828 HOLLY HEDGE DR. LEWISVILLE 27023	032 A S 919 479-5559	PATOW, WARREN EDWARD 1601-B OWEN DR. FAYETTEVILLE 28304	OBG 026 A AC 919 323-1152	PAYNE, WINSTON CHARLES 20/20 PLAZA, 90 ASHLAND AVE. ASHEVILLE 28801	OPH 011 A AC 704 253-4735
PARNELL, JEROME PATRICK, II 3901 COMPUTER DR. RALEIGH 27609	U 092 A AC 919 781-5104	PATRICK, SIMMONS ISLER KINSTON CLINIC, NORTH DOCTOR'S DRIVE KINSTON 28501	R 054 A AC 919 527-7077	PEACE, ROBERT JOSEPH 1447 YORK COURT BURLINGTON 27215	PTH 001 A P AC 919 584-5171
PARR, ROBERT ALEXANDER NEW HANOVER HOSPITAL DEPT. OF EMERGENCY MED. WILMINGTON 28401	EM 065 AC 919 343-7000	PATRONE, NICHOLAS ANGELO ECU DEPT. OF MED. & PED. GREENVILLE 27834	RHU /IM 074 A AC 919 551-2533	PEACH, CHARLES ARTHUR 902 COX RD., STE. F GASTONIA 28054	OBG 036 A AC 704 867-6386
PARRIS, ALVA EDWARD 2240 CLOVERDALE AVE., STE. 219 WINSTON-SALEM 27103	FP /OM 034 AC 919 725-5881	PATSEAVOURAS, LOUIE LEE 522 N. ELAM AVENUE GREENSBORO 27403	PSF 041 A AC 919 299-4907	PEACOCK, ERLE EWART, JR. 109 CONNER DR., STE. 2204 CHAPEL HILL 27514	PS /GS 032 AC 919 933-0005
PARROTT, FRANK STRONG P. O. BOX 637 SALISBURY 28144	GS 080 A L/RT 919 781-5104	PATTERSON, BERNARD LOW 626 N. BICKETT BOULEVARD LOUISBURG 27549	FP 035 AC 919 496-3680	PEACOCK, JAMES EDWARD, JR. 300 S. HAWTHORNE RD. WINSTON-SALEM 27103	ID /IM 034 AC 919 748-4507
PARROTT, WILLIAM THOMAS, JR. 905 N. QUEEN STREET KINSTON 28501	IM 054 L 919 523-4269	PATTERSON, CARL NORRIS 1110 W. MAIN STREET DURHAM 27701	HNS /MFS 032 A AC 919 682-9341	PEAK, LATHAM CONRAD ROSEBORO MEDICAL CLINIC ROSEBORO 28382	FP 082 AC 919 525-5055
PARSLEY, BETSY ALLEN 3420 THORESBY COURT WINSTON-SALEM 27104	PD 034 AC 919 768-6830	PATTERSON, DAVID READ 721 GREEN VALLEY RD. GREENSBORO 27408	GE /IM 041 AC 919 378-0774	PEARCE, LARRY ALLEN 300 S. HAWTHORNE RD. WINSTON-SALEM 27103	N 034 A AC 919 748-4101
PARSONS, JAMES SHERIDAN 704 W. JONES STREET RALEIGH 27603	IM 092 A AC 919 832-5125	PATTERSON, F. M. SIMMONS 4503 MORGAN LANE NEW BERN 28560	GS 074 L/RT 919 633-3492	PEARCE, PHILIP HENDERSON 1821 GREEN STREET DURHAM 27705	OBG 032 A P AC 919 286-1258
PARSONS, LACY JACK 2204 ROWLAND AVENUE LUMBERTON 28358	OBS 078 A L/RT 919 739-6431	PATTERSON, F. M. SIMMONS, JR. PO BOX 519 205 PAGE ROAD PINEHURST 28374	CD /IM 063 * AC 919 295-5511	PEARCE, RICHARD EDWARD 202-B LINDBETH DR. GREENVILLE 27834	074 A S 919 756-8447
PARSONS, RICKEY 1612 OAKLAWN AVE. GREENVILLE 27834	074 A S 919 756-5478	PATTERSON, HUBERT CLIFTON P. O. BOX 18946 RALEIGH 27619	OTO /PSF 092 A AC 919 787-7171	PEARSE, RICHARD LEHMER 154 MONTROSE DR. DURHAM 27707	OBG /HYP 032 A L/RT 919 493-3995
PARSONS, ROBERT GREGORY 3535 RANDOLPH RD. CHARLOTTE 28211	DR 060 A AC 704 365-0343	PATTERSON, HUBERT CLIFTON 602 S. COLUMBIA STREET CHAPEL HILL 27514	GS 032 A L/RT 919 968-3051	PEARSON, JOHN KENT P. O. BOX 727 APEX 27502	FP 092 A AC 919 362-8312
PARTRICK, CORNELIUS THEODORE 615 E. 12TH STREET WASHINGTON 27889	IM /CD 007 AC 919 946-2101	PATTERSON, JAMES BENSON 1638 MEMORIAL DR. BURLINGTON 27215	D 001 A * AC 919 226-8000	PEARSON, LAWRENCE HAMILTON 809 N. LAFAYETTE ST. SHELBY 28150	D 023 A AC 704 484-0464
PASCHAL, BARTON RILEY ONE DOCTORS DR. ASHEVILLE 28801	ON /HEM 011 A AC 704 254-8232	PATTERSON, RICHARD BRUCE 300 S. HAWTHORNE RD. WINSTON-SALEM 27103	PHO /PD 034 A AC 919 748-4085	PEARSON, WILLIAM SEYMOUR BOWMAN GRAY SCH. OF MED. 300 S. HAWTHORNE RD WINSTON-SALEM 27103	A AC 919 748-4553
PASCHAL, GEORGE W., JR. 3334 ALAMANCE DRIVE RALEIGH 27609	GS 092 A L/RT 919 787-2177	PATTERSON, ROBERT WILLIAM 110 FIELDS DR. PO BOX 1860 SANFORD 27330	FP /A 053 A P AC 919 774-6320	PEDEN, JAMES GWYN, JR. DEPT. OF MEDICINE ECU SCHOOL OF MEDICINE GREENVILLE 27834	IM /P 074 A AC 919 551-4633
PASCHAL, GEORGE W., III 3814 BROWNING PLACE RALEIGH 27609	GS /CDS 092 A AC 919 781-0710	PATTERSON, RONALD HALFORD 1902-J N. SANDHILLS BLVD. ABERDEEN 28315	ORS 063 A AC 919 295-1471	PEDERSON, WM. CHRISTOPHER BOX 3974, DUMC DURHAM 27710	PS 032 AC 919 684-4114

PEDIADITAKIS, NICHOLAS P. 5100 LEADLINE ROAD RALEIGH 27612	P 092 A AC 919 787-0710	PERRY, DWIGHT DEAN 512 SIMMONS ST. DURHAM 27707	OPH 032 A AC 919 682-7175	PHELAN, WESTELL C. PO BOX 659 401 MULBERRY ST. SW STE. 111 LENOIR 28645	DR 014 A AC 704 754-2283
PEEDIN, JAMES HAROLD, JR. P. O. BOX 1177 BURGAW 28425	FP 065 A AC 919 259-5721	PERRY, GLENN BRADFORD 1822 BRUNSWICK AVE. CHARLOTTE 28207	ORS/TRS 060 A AC 704 373-0544	PHILLIPPI, PAUL JASPER 261 STAFFORDSHIRE ROAD WINSTON-SALEM 27104	IM 034 A AC 919 768-9401
PEELER, FORREST EDWARDS ROUTE #3, BOX 436 MAIDEN 28650	FP 018 A AC 704 428-2446	PERRY, HENRY BAKER, JR. 477 HAWTHORNE RD. ELKIN 28621	GYN 086 A L/RT 919 835-6183	PHILLIPS, BRUCE ALTON, JR. P. O. BOX 86 ELIZABETHTOWN 28337	IM/GE 009 A AC 919 862-3212
PEELER, RON H. FRYE REG. MED. CTR. 420 N. CENTER ST. HICKORY 28601	EM 018 A 704 324-3190	PERRY, IRVIN SAMUEL 2825 LYNDBURST AVENUE WINSTON-SALEM 27103	PUD/IM 034 A AC 919 765-0383	PHILLIPS, CHARLES A. SPEAS 165 PAGE ROAD, #2 PINEHURST 28374	063 A AC 919 295-5311
PEETE, CHARLES HENRY, JR. BOX 3192, DUMC DURHAM 27710	OBG 032 A AC 919 684-2346	PERRY, JOHN CHRISTOPHER P. O. BOX 429 EDENTON 27932	FP 021 A AC 919 482-2116	PHILLIPS, CHARLES WOODROW, JR. 108 E. MINNEOLA STREET GIBSONVILLE 27249	FP 001 A AC 919 449-4132
PEETE, WILLIAM P.J. BOX 3506, DUMC DURHAM 27710	GS 032 A AC 919 684-3727	PERRY, SAMUEL JOSEPH 1723 VIRGINIA RD. 1/2 WINSTON-SALEM 27104	A S 919 724-7601	PHILLIPS, DEWITT DEWEY, JR. 1012 S. KINGS DR. STE. 822 CHARLOTTE 28283	GP 060 A AC 704 375-6350
PEGRAM, PAUL SAMUEL, JR. 2332 ELIZABETH AVENUE WINSTON-SALEM 27103	ID/IM 034 A AC 919 748-4246	PETERS, BRYAN MACLIN 3821 MERTON DR. RALEIGH 27609	DR 092 A AC 919 755-8511	PHILLIPS, ERNEST PAUL, JR. 1405 PLAZA DRIVE WINSTON-SALEM 27103	CD 034 A AC 919 765-4131
PEKMAN, WILLIAM MARTIN 250 18TH ST. CIRCLE, SE HICKORY 28602	HS/ORS 018 A AC 704 322-5172	PETERS, PETER DEMJANTSCHUK 1115 KATHERINE ST. VALDESE 28690	GP/EM 012 A AC 704 874-0519	PHILLIPS, HARRY RISSLER, III BOX 3126, DUMC DURHAM 27710	CD/IM 032 A AC 919 681-5816
PELLIGRA, SALVATORE JOHN 1200 N. ELM ST. GREENSBORO 27401	PM 041 A AC 919 379-3667	PETERS, ROBERT BROOKES, IV 101 CLINIC DRIVE TARBORO 27886	FP 033 A AC 919 823-2105	PHILLIPS, KATHRYN ELIZABETH 200 BLUERIDGE RD. CARRBORO 27510	032 A S 919 967-1058
PENCE, CARLA RAFFETY 1900 QUEEN ST. A-4 WINSTON-SALEM 27103	IM 034 A P R 919 725-7499	PETERS, STANLEY 250 18TH ST. CIR. SE HICKORY 28602	ORS 018 A AC 704 322-5172	PHILLIPS, MARVIN WORTH P. O. BOX 367 THOMASVILLE 27360	FP 029 A AC 919 472-7262
PENCE, JAMES JEROME, JR. 2110 SOUTH 17TH ST. WILMINGTON 28401	FP 065 A AC 919 763-3481	PETERS, WILLIAM ANTHONY, JR. P. O. BOX 392 ELIZABETH CITY 27909	GYN 070 A AC 919 335-2355	PHILLIPS, ROBERT LEWIS 200 NORTHWOOD ST., STE. 206 GREENSBORO 27401	NS 041 A AC 919 274-4666
PENDER, JOHN ROBERT, III 1851 E. THIRD STREET, STE. 105 CHARLOTTE 28204	GS 060 A AC 704 332-4169	PETERSEN, KENNETH MICHAEL 4 MEDICAL PARK DR. LEXINGTON 27292	GS/CDS 029 A AC 704 246-2487	PHILLIPS, WESLEY FLETCHER P. O. BOX 727 KERNERSVILLE 27284	FP 034 A AC 919 993-8181
PENDLEY, ROBERT ALAN 211 S. CHESTNUT STREET GASTONIA 28054	GE/IM 036 A AC 704 867-4406	PETERSON, ERIC WEBSTER 5 CROWNINGWAY DR. ASHEVILLE 28804	P 011 A AC 704 254-3201	PHILLIPS, WILLIAM ALLAN 3208 OLEANDER DRIVE WILMINGTON 28403	D 065 A AC 919 763-7333
PENDSE, PRABHAKAR D. 1018 PROFESSIONAL VILLAGE GREENSBORO 27401	PDS/GS 041 A P AC 919 272-6161	PETERSON, HUGH DUANE UNC, BURNETT-WOMACK BLDG. CHAPEL HILL 27514	PS 032 A AC 919 966-3693	PHIPPS, CARL SPENCER 3333 SILAS CREEK PARKWAY WINSTON-SALEM 27103	END/IM 034 A P AC 919 765-1640
PENKAR, SURESH JAGANNATH 3333 SILAS CREEK PARKWAY WINSTON-SALEM 27103	AN 034 A AC 919 773-3180	PETERSON, JEFFREY MCBRAYER 2 SPRING GARDEN, HOLLAND DR. CHAPEL HILL 27514	032 A S 919 933-0153	PHIPPS, ERVIN LAMAR 1500 WILLOW ST. APT. #3 GREENVILLE 27834	074 A S 919 551-3379
PENNEL, TIMOTHY CLINARD BOWMAN GRAY - SURGERY WINSTON-SALEM 27103	GS/TS 034 A AC 919 748-4671	PETERSON, LLOYD JOHN 200 E. NORTHWOOD ST., STE. 302 GREENSBORO 27401	U 041 A AC 919 275-6115	PICKARD, CARL GLENN, JR. N. C. MEMORIAL HOSPITAL CHAPEL HILL 27514	IM 032 A AC 919 966-4205
PENNINK, MENNO 3314 MELROSE RD. STE. 103 FAYETTEVILLE 28304	NS 026 A AC 919 323-0475	PETERSON, NEIL PAUL P. O. BOX 2959 ASHEVILLE 28802	R/NM 011 A AC 704 254-4617	PICKARD, HENRY MACK P. O. BOX 3351 WILMINGTON 28401	IM 065 A L/RT 919 791-1417
PENNY, LARUE DAVID, JR. 101 GROVER STREET SHELBY 28150	PD 023 A AC 704 482-1435	PETERSON, ROBERT L., JR. 608 TILGHMAN DR. DUNN 28334	OBG 043 A AC 919 892-4092	PICKLESIMER, FRED LEON 624 QUAKER LN. STE. 301-D HIGH POINT 27622	OTO 040 A AC 919 883-1366
PEPPER, FRANCIS DEWITT, JR. 3155 MAPLEWOOD AVENUE WINSTON-SALEM 27103	R/NM 034 A AC 919 765-2702	PETERSON, ROBERT LIND 210 13TH AVENUE PLACE, N.W. HICKORY 28601	OBG 018 A AC 704 322-3018	PICKREL, JERRY CLINE P. O. DRAWER 403 ELIZABETH CITY 27909	PTH 070 A AC 919 335-2258
PERDUE, JASPER BURT, JR. 111 JOLLY STREET LOUISBURG 27549	GS 035 A AC 919 496-4177	PETRILLI, ROBERT 5465 STYERS FERRY RD. CLEMMONS 27012	EM 034 A AC 919 766-0479	PIECH, KENNETH STOWELL 1211 PINKNEY ST. WHITEVILLE 28472	PTH 024 A AC 919 642-8011
PEREZ-REYES, MARIO 107 HUNTER HILL PLACE CHAPEL HILL 27514	P 032 A AC 919 933-9829	PETROU, HOMER DONALD RUIN CREEK ROAD HENDERSON 27536	GS 091 A P AC 919 438-5755	PIERCE, CHARLES GRAINGER 201 S. COLONY AVENUE AHOSKIE 27910	PD/PDA 008 A AC 919 332-5041
PEREZ-SELDEN, ALICE R. 601-A BERKSHIRE RD. SMITHFIELD 27577	GS 051 A AC 919 934-0281	PETROZZA, JOSEPH ANTHONY 2601 FINES CREEK DR. STATESVILLE 28677	GE/IM 049 A AC 704 873-1904	PIERCE, HUBERT GAINES 313 AIRPORT ROAD KINSTON 28501	IM/CD 054 A AC 919 522-3072
PERKINS, ROBERT SANBORN 3406 COUNTRY CLUB DR. GASTONIA 28054	TS/GS 036 A AC 704 864-8377	PETROZZA, PATRICIA HARPER 300 S. HAWTHORNE RD. WINSTON-SALEM 27103	AN 034 A P AC 919 748-4498	PIERCE, ROBERT JAMES, JR. 1202 N. CENTER STREET HICKORY 28601	U 018 A AC 704 322-4340
PERONA, BARBARA PIEZ 1022 GREEN ST. DURHAM 27701	032 A S 919 682-3942	PETTY, JERRY MILLER 1010 EDGEHILL ROAD, N. CHARLOTTE 28207	NS 060 A AC 704 376-1606	PIERSON, GEORGE HERMAN, JR. P. O. BOX 13005 GREENSBORO 27405	R/TR 041 A AC 919 379-4140
PERRAUT, THOMAS CHRISTOPHER 212 HOSPITAL DRIVE COLUMBUS 28722	OPH 075 A AC 704 894-3037	PFUFF, HERBERT CHARLES 1204 N. GREGSON ST. DURHAM 27701	032 A S 919 682-8336	PIERSON, WILLARD CRESSE, JR. 1212 CEDARHURST DR. RALEIGH 27609	GE/IM 092 A AC 919 872-4850
PERRIN, THOMAS SAMUEL, JR. 3535 RANDOLPH ROAD CHARLOTTE 28211	IM 060 A AC 704 365-0760	PFEIFFER, FREDERICK EARLY 126 COTTAGE PLACE CHARLOTTE 28207	N/IM 060 A AC 704 334-7311	PIGFORD, ROBERT TOMS 301 COLONIAL DRIVE WILMINGTON 28403	IM/CD 065 A L/RT 919 762-5020
PERRY, CAREY JONES 113 JOLLY STREET LOUISBURG 27549	FP 035 A AC 919 496-4250	PHAN, THAI TIEN 300 S. HAWTHORNE RD. WINSTON-SALEM 27103	P 034 A AC 919 748-3920	PIKE, ISADORE MURRAY 80 VICTORIA ROAD ASHEVILLE 28801	ON/HEM 011 A AC 704 258-0994
PERRY, DAVID RUSSELL, JR. 3175 MAPLEWOOD AVENUE WINSTON-SALEM 27103	PD 034 A AC 919 768-7030	PHELAN, JOHN WILLIAM JOSEPH 503 WILLOW DR. THOMASVILLE 27360	P/IM 029 A AC 919 475-8184	PIKE, MICHAEL ROBERT 1151 KILDAIRE FARM ROAD CARY 27511	GE/IM 092 A AC 919 469-1858

PIKULA, LOUIS, JR.	NS 034	POLLARD, JOHN CHRISTOPHER	PD 026	POSTLETHWAIT, RAYMOND W.	GS 032
3080 TRENWEST DRIVE	A AC	1213 WALTER REED DRIVE	AC	143 PINECREST RD.	A L/RT
WINSTON-SALEM 27103	919 765-3750	FAYETTEVILLE 28304	919 484-6121	DURHAM 27705	919 489-6865
PILLAI, JEYAKUMAR P.	P 036	POLLOCK, FRANK EDWARD	ORS 034	POTEAT, HUBERT MCNEILL, JR.	GS 051
238-3 WILMOT DR. #239	A AC	SALEM ORTHOPAEDIC ASSOC. PA A	AC	P. O. BOX 88	A L/RT
GASTONIA 28054	704 867-2338	PO BOX 25007		SMITHFIELD 27577	919 934-2524
PILLSBURY, HAROLD C., III	OTO /HNS 032	WINSTON-SALEM 27114	919 768-1270	POTOCKI, LANCE DEWITT	FP 021
UNC.610 BURNETT-WOMACK 229-H	AC	POLLOCK, HOKE DICKINSON	OTO 065	PO BOX 429	A AC
CHAPEL HILL 27514	919 966-3341	1625 DOCTOR'S CIRCLE	A AC	EDENTON 27932	919 482-2116
PIPPIN, RICHARD LEE	IM 074	WILMINGTON 28401	919 762-0234	POTTER, JOAN GARSKA	FP 032
201 N. MAIN ST.	A AC	POLLOCK, JOSEPH JORDAN	PUD /IM 018	109 CONNER DR., STE. 2203	AC
FARMVILLE 27828	919 756-9569	912 SECOND ST., NE	AC	CHAPEL HILL 27514	919 929-5700
PISHKO, MICHAEL THEODORE	OBG 063	HICKORY 28601	704 322-8265	POTTER, PATRICIA LYNN	AN 060
P. O. BOX 339	A L/RT	POLLOCK, MORRIS ARTHUR	GE /IM 092	6439 BENTRIDGE DR.	AC
PINEHURST 28374	919 295-6634	1212 CEDARHURST DR.	AC	CHARLOTTE 28207	704 377-1647
PITSER, WILLIAM ROSS	OTO 034	RALEIGH 27609	919 872-4850	POTTS, FREDERICK LATHAM, III	EM 074
1420 PLAZA DRIVE	A AC	POLLOCK, NELSON EARL	IM 040	T-1 DOCTORS PK, BEASLEY DR.	A R
WINSTON SALEM N C 27103	919 765-4922	P. O. BOX 5904	A AC	GREENVILLE 27834	919 758-1102
PITTAWAY, DONALD EDWARD	OBG 034	HIGH POINT 27262	919 841-2114	POTTS, JAMES MARTIN	GS /TS 023
578 MAIDSTONE LANE	AC	POMERANS, MARK	EM /FP 008	809 N. LAFAYETTE STREET	A AC
CLEMMONS 27012	919 748-2368	ROANOKE-CHOWAN HOSPITAL	AC	SHELBY 28150	919 487-8591
PITTMAN, ALFRED ROWLAND, JR.	IM 078	AHOSKIE 27910	919 332-8121	POTTS, LEO JOSEPH	P 011
2606 N. ELM STREET	A AC	PONDER, PHILIP WADE	032	P. O. BOX 1101	A AC
LUMBERTON 28358	919 739-3362	405-A COOLIDGE ST.	A S	HIGHLAND HOSPITAL	
PITTMAN, ERIC WILLIAMS	PTH 049	CHAPEL HILL 27514	919 782-1769	ASHEVILLE 28802	704 254-3201
IREDELL MEM. HOSP. BOX 1460	A P AC	PONZI, JOSEPH WILLIAM	PD 096	POTTS, RONALD SARGENT	PTH 080
STATESVILLE 28677	704 873-5661	2706 MEDICAL OFFICE PLACE	AC	115 WAVERLY CIRCLE	A P AC
PITTMAN, WILLIAM BRYAN	GE /IM 064	GOLDSBORO 27530	919 734-4736	SALISBURY 28144	704 633-7765
100 NASH MEDICAL ARTS MALL	AC	POOL, ROBERT SMITHWICK	PTH /CLP 034	POWE, CHARLES EDWIN, JR.	OBG 060
ROCKY MOUNT 27804	919 443-9084	FORSYTH MEMORIAL HOSPITAL	A AC	3535 RANDOLPH ROAD, STE. 105	A AC
PITTS, WILLIAM REID	NS /GS 060	WINSTON-SALEM 27103	919 773-3840	CHARLOTTE 28211	704 365-0470
429 EASTOVER ROAD	A L/RT	POOLE, ERNEST TILGHMAN	OPH /P 065	POWELL, ALBERT H., JR.	P/PYM 000
CHARLOTTE 28207	704 333-0407	2310 DELANEY AVENUE	A AC	20 KOGER EXECUTIVE CTR. #212	A AC
PIVER, JAMES DECAMP	GS /ABS 067	WILMINGTON 28403	919 763-3664	NORFOLK, VA 23502	804 461-2485
1002 SCHALL PLACE	A AC	POOLE, GORDON JOSEPH	DR 041	POWELL, ALLEN ORLO	032
JACKSONVILLE 28540	919 353-7848	1200 N. ELM ST.	A AC	RT. #1, BOX 172	A S
PIXLEY, ROLAND THEO	OBG 060	MOSES H. CONE HOSPITAL		DURHAM 27705	919 493-8238
1023 EDGEHILL ROAD, SOUTH	A AC	GREENSBORO 27401	919 379-4140	POWELL, BAYARD LOWERY	ON /HEM 034
CHARLOTTE 28207	704 373-1541	POOLE, JAMES MORRISON	PD /ADL 092	300 S. HAWTHORNE RD.	A AC
PLESCIA, MARCUS	032	3803 COMPUTER DR., STE. 207	AC	WINSTON-SALEM 27103	919 748-2946
101-A STEPHENS ST.	A S	RALEIGH 27609	919 782-5273	POWELL, BENJAMIN PHILIP	AN 011
CHAPEL HILL 27514	919 929-9858	POOLE, TERRY WAYNE	OBG 092	421 VANDERBILT ROAD	A AC
PLOK, GEORGE WEBB	GS 023	2500 BLUE RIDGE CTR., STE. 401	A AC	ASHEVILLE 28803	704 252-1016
902 CRESCENT CIRCLE	A L/RT	RALEIGH 27607	919 781-5510	POWELL, DAVID CLIFTON	GS 092
KINGS MOUNTAIN 28086	704 739-2272	POPE, JAMES ELLIS	CD 034	1101 DRESSER COURT	AC
PLOK, GEORGE WEBB, JR.	GS /VS 034	300 S. HAWTHORNE ROAD	A AC	RALEIGH 27609	919 876-2010
BOWMAN GRAY - SURGERY	A AC	WINSTON-SALEM 27103	919 748-4326	POWELL, DON WATSON	GE /IM 032
WINSTON-SALEM 27103	919 748-4449	POPE, ROBERT CLYDE	PD 098	UNC.326 BURNETT-WOMACK BLDG.	AC
PLOWDEN, JAMES FRANCIS	ON /HEM 040	WILSON CLINIC	A AC	CHAPEL HILL 27514	919 966-2511
P. O. BOX 5904	A AC	WILSON 27893	919 291-7001	POWELL, E. CHARLES	OBG 096
HIGH POINT 27262	919 841-2114	POPE, SAMUEL A.	IM 031	100 WOOTEN POINT ROAD	A L
PLUMMER, CHARLES WAYNE	AN 029		A L/RT	GOLDSBORO 27530	919 778-2692
50 E. MAIN ST., STE. 111	A AC	BEULAVILLE 28518	919 298-3193	POWELL, JACK	GS 011
THOMASVILLE 27360	919 472-2000	POPE, THOMAS DAVID	OBG 012	190 W. DOCTOR'S BUILDING	A AC
PLUNKETT, STEVEN ROCKWELL	ON 060	403 S. KING STREET	A AC	ASHEVILLE 28801	704 253-1529
PO BOX 33549	A AC	MORGANTON 28655	704 433-4661	POWELL, JAMES BLACKMON, II	HNS /PSF 011
CHARLOTTE 28233	704 371-4189	PORCHEY, CARL JOSEPH, JR.	IM 034	131 MCDOWELL STREET	A AC
PLYLER, EDWARD THURMAN	FP 012	3630 WINDING CREEK WAY	A AC	ASHEVILLE 28801	704 254-3517
2203 S. STERLING ST.	A AC	WINSTON-SALEM 27106	919 768-4730	POWELL, JAMES BOBBITT	PTH 001
MORGANTON 28655	704 437-4211	PORIES, WALTER JULIUS	GS /TS 074	1447 YORK COURT	AC
POCOCK, DONALD ANDREW	IM /ID 025	203 CHOWAN ROAD	A AC	BURLINGTON 27215	919 584-5171
5003 TRENT WOODS DRIVE	A AC	GREENVILLE 27834	919 551-4629	POWELL, JAMES MEYERS, JR.	P/CHP 060
NEW BERN 28560	919 633-1010	PORTELA, ANGEL ISMAEL	IM 042	2315 RANDOLPH ROAD	AC
PODGER, KENNETH ARTHUR	GYN 032	220 SMITH CHURCH ROAD	A RT	CHARLOTTE 28207	704 377-4243
7701 BEACH DRIVE	L/RT	ROANOKE RAPIDS 27870	919 535-3001	POWELL, JESS AVERETTE, III	DR 023
MYRTLE BEACH, SC 29577	803 449-3459	PORTER, CEDRIC WARREN, JR.	OBG /GPM 011	201 GROVER STREET	A P AC
PODGORNY, GEORGE	EM /GS 034	93 VICTORIA ROAD	A AC	SHELBY 28150	704 487-3141
2115 GEORGIA AVENUE	A AC	ASHEVILLE 28801	704 253-4821	POWELL, KENNETH ALTON	FP 012
WINSTON-SALEM 27104	919 727-1161	PORTER, CHARLES ALEXANDER	OBG 060	P. O. BOX 330	AC
POEHLING, GARY GEORGE	ORS /HS 034	1712 E. FOURTH STREET	A AC	RUTHERFORD COLLEGE 28671	704 874-2107
BOWMAN GRAY, DEPT. OF ORS	A AC	CHARLOTTE 28204	704 375-9074	POWELL, ROBERT NARROWAY	IM 070
WINSTON-SALEM 27103	919 748-3948	PORTER, DEAN PRIEST	032	1142 N. ROAD STREET	AC
POINTS, GERALD LEE, II	IM /FP 065	250 S. ESTES DR. #34	A S	ELIZABETH CITY 27909	919 338-4117
5305 WRIGHTSVILLE AVE. BLDG.B	A AC	CHAPEL HILL 27514	919 933-7840	POWELL, THOMAS EDWARD, III	PTH 001
WILMINGTON 28403	919 791-3506	PORTER, ERIC JAMES	AN 079	P. O. BOX 2536	A P AC
POLE, DONALD TALIAFERRO	OBG 065	521 PATRICK ST.	A AC	BURLINGTON 27215	919 227-1235
1912 TRADD COURT	AC	EDEN 27288	919 623-1501	POWELL, THOMAS WILLIAM	GS /CDS 013
WILMINGTON 28401	919 343-1113	PORTER, LISA ELLEN	032	48 ARDSLEY AVE, NE	AC
POLLAK, MICHAEL JOSEPH	OBG 034	2681 HITCHCOCK DR.	A S	CONCORD 28025	704 786-1108
302 FORSYTH MEDICAL PARK	AC	DURHAM 27705	919 471-9289	POWELL, WILLIAM CARLYLE	PD 026
WINSTON-SALEM 27103		PORTER, RICHARD ALLISON	FP 045	P. O. BOX 53127	A AC
POLLARD, HAROLD CALLOWAY, III	OBG 034	1107 WOODMONT DR.	A L/RT	FAYETTEVILLE 28305	919 484-3121
2927 LYNDBURST AVE.	A AC	HENDERSONVILLE 28739	704 693-5128	POWELL, WILLIAM ERNEST, JR.	GP 057
WINSTON-SALEM 27103	919 765-9350	POSSINGER, CLIVE FRANCIS, JR.	IM 045	1 CHESTNUT STREET	A AC
POLLARD, JOHN ALAN	AN 060	P. O. BOX 217	A AC	MARS HILL 28754	704 689-2581
1620 SCOTT AVE.	A AC	NAPLES 28760	704 684-1030		
CHARLOTTE 28211	704 331-2372				

POWELL, WILLIAM FLYNN 62 GERTRUDE PLACE ASHEVILLE 28801	OPH /OTO 011 A L/RT 704 252-8931	PRICE, ROBERT EDWIN, JR. 1830 HILLDALE ROAD DURHAM 27705	NS 032 A AC 919 383-5531	PURCELL, PETER NELSON APT. Q-2, DOCTORS PARK GREENVILLE 27834	074 A S 919 551-3023
POWER, BHASKAR DAYARAM 240 SMITH CHURCH ROAD ROANOKE RAPIDS 27870	OTO /A 042 A AC 919 535-1411	PRICE, THOMAS BAKER 200 E. NORTHWOOD ST., STE. 304 GREENSBORO 27401	GS 041 A AC 919 378-9811	PURCELL, VALERIE D. 1-11 DOCTORS PARK APTS. GREENVILLE 27834	074 A S 919 752-0581
POWERS, BARRY 306 STANWOOD DRIVE GREENVILLE 27834	DR 074 A AC 919 752-5000	PRICHARD, ROBERT WILLIAMS 300 S. HAWTHORNE RD. WINSTON-SALEM 27103	PTH 034 A AC 919 748-2649	PURNELL, WILLIAM ROBERT 418 KING STREET LAURINBURG 28352	PD 083 AC 919 276-7570
POWERS, DOUGLAS FULLER 5517 EAGLE LAKE DR., SOUTH CHARLOTTE 28210	CHP /P 060 A AC 704 588-2289	PRIDE, HAROLD SYLVESTER 951 S. INDEPENDENCE #200 CHARLOTTE 28202	FP /PD 060 AC 704 377-3015	PURUSHOTHAMAN, CHANDROTH V. #4 MEDICAL PARK MOREHEAD CITY 28557	OPH 092 AC 919 828-0628
POWERS, STEPHEN KENT UNC, 148 CLINICAL SCI. BLDG. CHAPEL HILL 27514	NS 032 A AC 919 966-1374	PRINCE, GEORGE EDWARD 3709 ST. REGIS DR. GASTONIA 28054	PD 036 A AC 704 866-3222	PURUT, CEMIL M. BOX 2765, DUMC DURHAM 27710	CD /IM 016 AC 919 247-5426
PRACYK, JOHN BRADFORD 610 DOUGLAS ST., APT. 312-B DURHAM 27705	032 A S 919 286-7365	PRINCE, JAMES WILLIAM RT. #1, BOX 15Y HARRELLSVILLE 27942	P 008 AC 919 332-4137	PURVIS, WILLIAM HENRY 404 N. HOLLY STREET SILER CITY 27344	032 A S 919 684-5939
PRANGE, ARTHUR JERGEN, JR. NCMH, DEPT. OF PSYCHIATRY CHAPEL HILL 27514	P 032 A AC 919 966-1480	PRINTZ, DON RALPH 10 DEERFIELD ROAD ASHEVILLE 28803	D 011 A L/RT 704 274-1234	PURVOSTROM, EINAR 239 WILMONT ROAD GASTONIA 28054	U 083 AC 919 775-7146
PRATHER, DONNA LYNN 311 BLUERIDGE RD. CARRBORO 27510	P 032 AC 919 929-6519	PRITCHARD, DOUGLAS DUSSEL 504 CATS PAW LN., RT. 10 STATESVILLE 28677	AN 049 P AC 919 873-0281	PUTMAN, CHARLES EDGAR BOX 3808, DUMC DURHAM 27710	P/CHP 036 AC 704 867-2338
PRATHER, FONZO GOFF 5 FAIRWAY DRIVE ASHEVILLE 28805	GP 011 A L/RT 704 298-4071	PRITCHARD, WILLIAM LEE 2711-204 RANDOLPH ROAD CHARLOTTE 28207	NS 060 A AC 704 333-2175	PUTMAN, STEVEN FREDERICK 2608 E. SEVENTH ST. CHARLOTTE 28204	R/IM 032 AC 919 684-3403
PRATT, LAURA WINSTEAD 3400 EXECUTIVE DR. STE. 203 RALEIGH 27609	FP 092 A AC 919 878-0340	PRITCHETT, NEWTON GEORGE 2800 BLUE RIDGE, STE. 205 RALEIGH 27607	IM 092 A AC 919 782-0414	PUTNEY, ROBERT HUBBARD, JR. P. O. BOX 519 ELM CITY 27822	N 060 AC 919 236-4341
PRATT, REBECCA ANN 209 ALEXANDER ST. APT. D DURHAM 27705	032 A S 919 684-7590	PRIVETTE, DOUGLAS CRAIG 222 KING GEORGE ROAD GREENVILLE 27834	CD /IM 074 AC 919 752-6101	PYERITZ, ERIC ALLEN 501 BILTMORE AVE. ASHEVILLE 28801	FP 011 AC 704 258-0670
PREFONTAINE, J. EDOUARD 830 SOUTHEASTERN BLDG. GREENSBORO 27401	OPH 041 A L/RT 919 272-3523	PRIVETTE, MELINDA HILL 29 MAXWELL RD. CHAPEL HILL 27514	032 A S 919 967-7156	PYLES, JERALD DENNIS 510 7TH AVENUE, WEST HENDERSONVILLE 28739	IM 045 AC 704 692-2231
PRENTICE, ROBERT DEREK 3500 WESTGATE DR., STE. 705 DURHAM 27707	FP 032 AC 919 493-8600	PROCTER, WILLIAM IVAN 3900 BROWNING PLACE RALEIGH 27609	IM 092 A AC 919 781-9650	QUEEN, HUGH OSCAR 315 CHARLOTTE STREET HAMLET 28345	FP 077 AC 919 582-3241
PRESSLY, CLAUDE LOWRY 1863 CASSAMIA PL. CHARLOTTE 28211	GS /TS 060 A L/RT 704 376-0327	PROCTOR, CAMILLA ALLYN 3009 ZEBULON ROAD ROCKY MOUNT 27801	PUD 064 A P AC 919 443-2552	QUEEN, JEFFREY SCOTT 115 TURTLE CREEK RD. #2 CHARLOTTESVILLE, VA 22901	PD 060 A R 919 452-0331
PRESSLY, DAVID LOWRY 1109 DAVIE AVENUE STATESVILLE 28677	FP 049 A L 704 872-5671	PROCTOR, RICHARD CULPEPPER 381 WESTVIEW DR., S.W. WINSTON-SALEM 27104	P 034 A RT 919 723-6020	QUEEN, KATE TAYLOR 102 HOSPITAL DR. CLYDE 28721	RHU /IM 044 AC 704 452-0331
PRESSLY, JAMES ALLEN 2300-B RANDOLPH ROAD CHARLOTTE 28207	ORS 060 AC 704 375-5955	PROIA, ALAN DAVID 4118 DEEPWOOD CIRCLE DURHAM 27707	PTH 032 A AC 919 489-3161	QUEEN, LAURINDA LEE 4505 FAIR MEADOWS LN., STE. 103 RALEIGH 27607	D 092 A AC 919 783-7877
PRESSLY, JAMES PATTERSON 3535 RANDOLPH ROAD CHARLOTTE 28211	OPH 060 A AC 704 364-8576	PROSNITZ, LEONARD R. BOX 3085, DUMC DURHAM 27710	TR 032 AC 919 684-3805	QUERY, LUKE WALTER, JR. 132 W. MILLER STREET ASHEBORO 27203	EM 034 A P AC 919 721-1075
PRESSON, THOMAS LEMUEL 315 W. WENDOVER AVENUE GREENSBORO 27408	ORS 041 A AC 919 275-0724	PRUETT, DENNIS DERWOOD 1611 W. FIRST STREET WINSTON-SALEM 27104	018 A AC 704 328-6185	QUERY, RICHARD ZIMRI, JR. 1903 QUEENS RD. WEST CHARLOTTE 28207	D 018 A AC 704 328-6185
PRESTON, EDWIN THORNTON 110 S. ESTES DRIVE CHAPEL HILL 27514	ORS 032 A AC 919 942-3171	PRUITT, JERRY L. 24 SECOND AVENUE, N.E. HICKORY 28601	ORS 001 AC 919 227-3621	QUIGLESS, MILTON DOUGLAS, JR. 100 SUNNYBROOK ROAD P. O. BOX 14445 RALEIGH 27620	IM 076 L/RT 919 625-3218
PRESTON, RONALD ALLYN P. O. BOX 68 POLLOCKSVILLE 28573	IM 025 A AC 919 633-1010	PRUITT, RONALD ANTHONY 316 N. GRAHAM-HOPEDALE RD. BURLINGTON 27215	ORS 001 AC 919 227-3621	QUIGLESS, MILTON DOUGLAS, SR. P. O. BOX 368 TARBORO 27886	GS 092 A AC 919 821-5771
PREVETTE, JOHN EDGAR 601-A EIGHTH STREET DECEASED - 4-26-87 SMITHFIELD 27577	OBG 051 AC 919 934-8548	PRUTHI, ASIT SOM 311 S. LASALLE ST., APT. 38N DURHAM 27705	032 A S 919 286-2615	QUINN, CLIFTON LEE 3125 GLENWOOD PROF VILLAGE RALEIGH NC 27608	GP /D 033 AC 919 823-2112
PRICE, ANDREW RICHARD 1901 S. TARBORO ST. PO BOX 3188 WILSON 27893	IM 098 A AC 919 243-5505	PUCKETT, JAMES BUTLER 68 LAKE CONCORD RD., NE CONCORD 28025	IM /ON 013 A AC 704 782-3135	QUINN, CORBETT LATIMER 112-116 N. R.R. ST. MAGNOLIA 28453	P 092 A AC 919 782-0166
PRICE, BILLY LEE, JR. C-6 SHERATON VILLAGE GREENVILLE 27834	074 A S 919 756-5425	PUGH, JAMES EDWIN, JR. 126 COTTAGE PLACE CHARLOTTE 28207	N 060 A AC 704 334-7311	QUINN, MARSHALL K. PO BOX 189 MAGNOLIA 28453	FP /PH 031 AC 919 289-4165
PRICE, GRADY EDWIN 2001 RANDOLPH ROAD CHARLOTTE 28207	ORS 060 A P AC 704 377-4907	PUGH, RAEFORD THEODORE 619 E. 12TH STREET WASHINGTON 27889	FP 007 AC 919 946-6486	QURESHI, AFTAB AHMAD 312 S. ACADEMY STREET AHOSKIE 27910	PD 092 A AC 919 332-2244
PRICE, HARVEY CRAIG 1905 STURBRIDGE COURT RALEIGH 27612	HNS 092 A P AC 919 782-8955	PUGH, VERNON WATSON, JR. 1321 OBERLIN ROAD RALEIGH 27608	PD 092 A AC 919 828-4747	QURESHI, AYYAZ MAHMOOD 505 N. THIRD AVE. MAYODAN 27027	GS /OBG 008 A AC 919 548-2456
PRICE, JAMES LOUIS, III 1612 DOCTOR'S CIRCLE WILMINGTON 28401	OBG 065 AC 919 763-9015	PULEO, ELLEN ANNE CCNC, P. O. BOX 786 PINEHURST 28374	OBG 063 AC 919 760-4557	RAAB, MARY JERISTA ECU SCHOOL OF MEDICINE GREENVILLE 27834	IM /ON 079 AC 919 332-3403
PRICE, JERRY THEODORE 322 KEYWOOD DR. LYNCHBURG, VA 24501	000 A R 804 239-4961	PULLIAM, THOMAS JACKSON 2811 FOXWOOD LANE WINSTON-SALEM 27103	IM 034 A R 919 523-2569		
PRICE, JULIE B. 1026 MONMOUTH AVENUE DURHAM 27701	GP 092 AC 919 481-0277	PULLY, ROSE 318 COLLEGE STREET KINSTON 28501	FP 054 A L/RT 919 523-2569		

074 S	RAAB, SPENCER O.	ON /HEM	074	RANKIN, PRESSLEY ROBINSON, JR.	FP	077	RECKER, SCOTT F.	PM	074
0323	ECU SCHOOL OF MEDICINE	A	AC	P. O. BOX 40	A	AC	PO BOX 6028	A	AC
074 S	GREENVILLE 27834	919 551-2383		ELLERBE 28338	919 652-3321		REGIONAL REHABILITATION CTR.		
0581	RABEN, MILTON	TR	034	RANKIN, RICHARD BRANDON, JR.	OPH	013	GREENVILLE 27834	919 551-4440	
063	N. C. BAPTIST HOSPITAL		AC	500 LAKE CONCORD RD., NE	A	AC	RECKLESS, JOHN BRIAN	P/PYM	032
07570	WINSTON-SALEM 27103	919 748-4981		CONCORD 28025	704 782-1127		1816 FRONT ST., STE. 310	A	AC
092	RABIL, WILLIAM EDMOND	GS /GYN	034	RANKIN, RICHARD EUGENE	FP /GP	036	DURHAM 27705	919 383-1502	
092	2240 CLOVERDALE AVE., STE. 218	A	AC	RANKIN CLINIC	A	AC	RECORD, S. LEO, JR.	FP	034
092	WINSTON-SALEM 27103	919 722-3691		MOUNT HOLLY 28120	704 827-3031		P. O. BOX 627	A	AC
092	RABOLD, LEONARD JAMES	IM	041	RANKIN, RUFUS PINKNEY, JR.	GYN	060	KERNERSVILLE 27284	919 993-8181	
092	209 HOMEWOOD AVENUE	A	L/RT	1851 E. THIRD STREET		AC	REDDING, MARSHALL SIMMS	OPH	070
092	GREENSBORO 27403	919 379-4025		CHARLOTTE 28204	704 332-8103		1142 N. ROAD ST.	A	AC
092	RACKLEY, JAMES WAYNE	PD /HEM	034	RANN, EMERY LOUVELLE	FP	060	PO BOX 1402		
092	250 CHARLOIS BLVD.	A	AC	1001 BEATTIES FORD ROAD	A	L/RT	ELIZABETH CITY 27909	919 335-5446	
092	WINSTON-SALEM 27103	919 768-4730		CHARLOTTE 28216	704 333-0721		REDDY, AMARENDRA BUSA	CD /IM	092
092	RADFORD, HOWARD LEE	FP	081	RANSON, JOHN LESTER, JR.	IM	060	3020 NEW BERN AVE., STE. 410	A	AC
092	P. O. BOX 427	A	P	335 N. CASWELL ROAD	A	AC	RALEIGH 27610	919 828-8967	
092	CLIFFSIDE 28024	704 657-5221		CHARLOTTE 28204	704 376-4852		REDDY, PARVATA CHINNA P.	AN	032
092	RADFORD, WANDA LEE	OBG	092	RANSON, WILLIAM ALEXANDER	IM	060	DURHAM CO. GENERAL HOSP.	A	P
092	2800 BLUE RIDGE BLVD., STE. 206		AC	1012 S. KINGS DR.	A	AC	DURHAM 27704	919 471-3411	
092	RALEIGH 27607	919 781-7450		CHARLOTTE 28283	704 374-0773		REDDY, PUTLUR RAMACHANDRA	IM /ON	091
092	RAFT, ELIZABETH VANCE	CHP /P	032	RAO, INNANJE RAVINDRANATH	CD /IM	060	MEDICAL ARTS BUILDING	A	AC
092	33 KIMBERLY DRIVE		AC	2330 RANDOLPH AT LAUREL	A	AC	RUIN CREEK ROAD		
092	DURHAM 27707	919 489-7011		CHARLOTTE 28207	704 377-0575		HENDERSON 27536	919 492-6127	
092	RAGAZ, FLORIAN JOHN	GP /CD	059	RAPER, JAMES SIDNEY	R	011	REDDY, SREENIVAS MADDURI	IM /ON	012
092	315 E. COURT STREET	A	AC	29 MARTINDALE ROAD	A	L/RT	PO BOX 726		AC
092	MARION 28752	704 652-4420		ASHEVILLE 28804	704 253-0027		VALDESE 28690	704 874-2921	
092	RAIFORD, FLETCHER LINDSAY	PU	045	RAPP, IRA HAMMES	ORS	060	REDICK, LLOYD FRANKLIN	AN	032
092	1023 FOREST HILL RD.	A	* L	1500 PROVIDENCE RD.	A	RT	BOX 3094, DUMC	A	AC
092	HENDERSONVILLE 28739	704 693-3296		CHARLOTTE 28207	704 821-8528		DURHAM 27710	919 684-6736	
092	RAKFA, SUSAN MAFFEY	TR	074	RARDIN, THOMAS EDWIN	RHU	011	REDWINE, JAMES DANIEL	GP	029
092	ECU SCHOOL OF MED.		AC	43 OAKLAND ROAD	A	AC	6 WILLIAMS CIRCLE	A	L/RT
092	RADIATION ONCOLOGY CTR.			ASHEVILLE 28801	704 253-2824		LEXINGTON 27292	704 246-2658	
092	GREENVILLE 27835	919 551-2900		RASBERRY, EDWIN ALBERT, JR.	IM	098	REECE, ORVIL YOUNG, JR.	PD	054
092	RALLIS, MICHAEL GEORGE	IM	065	WILSON CLINIC	A	L	2509 N. QUEEN ST.	AC	
092	301 S. MCNEIL ST.	A	P	WILSON 27893	919 291-7001		KINSTON 28501	919 522-0335	
092	PO BOX 1179			RATCHFORD, GEORGE RUFUS, JR.	IM	064	REED, CHARLES NATHAN	D/IM	018
092	BURGAW 28425	919 259-5011		100 NASH MEDICAL ARTS MALL		AC	24 SECOND AVE., NE	A	AC
092	RAM, BERNARD ALLEN	U	049	ROCKY MOUNT 27801	919 443-9084		HICKORY 28601	704 328-6185	
092	760 HARTNESS ROAD	A	AC	RATHBUN, LEWIS STANDISH	GYN	011	REED, JAMES CROFT	R	025
092	STATESVILLE 28677	704 873-4741		76 FOREST RD.	A	L/RT	P. O. BOX 2065	A	AC
092	RAM, CECIL CASPER	U	049	ASHEVILLE 28803	704 274-0748		NEW BERN 28560	919 633-5057	
092	774 HARTNESS ROAD	A	P	RATHBUN, MARY ANNE	NPM /PD	060	REED, JOHN WILLIAM	OPH	034
092	STATESVILLE 28677	704 873-3231		CHARLOTTE MEM. HOSPITAL	A	AC	BOWMAN GRAY, DEPT. OF OPH	A	AC
092	RAMBO, V. BIRCH	GS	006	P. O. BOX 32861			WINSTON-SALEM 27103	919 748-4091	
092	341 PONCE DE LEON NE		H	CHARLOTTE 28232	704 338-3156		REEDER, PAUL ARLINGTON	GS	039
092	ATLANTA, GA 30365			RATHMELL, JAMES PHILLIP		034	1026 COLLEGE STREET	A	AC
092	RAMPULLA, ELLIOT JOHN	AN	026	2080 CRAIG STREET	A	S	OXFORD 27665	919 693-7066	
092	1762 METROMEDICAL DRIVE	A	AC	WINSTON-SALEM 27103	919 723-7041		REES, MICHAEL STEVENS	IM	092
092	P. O. BOX 64405			RAU, BRUCE WILLIAM	P	034	3101 ESSEX CIRCLE, BLDG. E	A	AC
092	FAYETTEVILLE 28306	919 323-5491		190 CHARLOIS BLVD.	A	AC	RALEIGH 27608	919 782-2631	
092	RAMQUIST, NEIL ALBERT	DR	092	WINSTON-SALEM 27103	919 768-6930		REESE, MITCHELL CRAWFORD	PD	053
092	713 NEW KENT PLACE	A	AC	RAUCK, RICHARD LEE	AN	034	555 CARTHAGE STREET		AC
092	CARY 27511	919 783-3023		2386 FAIRWAY DR.	A	AC	SANFORD 27330	919 776-7534	
092	RAMSDELL, CHARLES MICHAEL	RHU /IM	074	WINSTON-SALEM 27103	919 748-2591		REEVES, WILLIAM JOHN	PTH	013
092	1705 W. SIXTH STREET		AC	RAVENEL, SAMUEL DUBOSE	PD	041	CABARRUS MEM. HOSP.	A	P
092	GREENVILLE 27834	919 752-6101		1200 N. ELM STREET	A	AC	CONCORD 28025	704 786-2111	
092	RAMSEY, EDWARD ALLISON	PD	064	GREENSBORO 27401	919 379-3900		REEVES, WM. CHARLES	CD	074
092	124 FOYE DRIVE		AC	RAVIN, CARL ERIC	R	032	ECU SCHOOL OF MEDICINE	A	AC
092	ROCKY MOUNT 27804	919 443-4031		BOX 3808, DUMC	A	AC	SECTION OF CARDIOLOGY		
092	RAND, CECIL HOLMES, JR.	IM /PUD	074	DURHAM 27710	919 681-5268		GREENVILLE 27858	919 757-4651	
092	1800 W. FIFTH STREET	A	AC	RAWL, RICHARD PRESTON	FP	074	REEVES, WOODROW WILSON, JR.	U	000
092	GREENVILLE 27834	919 752-3185		P. O. BOX 339	A	AC	123 1/2 BANBERRY LANE	A	R
092	RAND, TOM SLADE	ORS	098	BETHEL 27812	919 825-0355		LEXINGTON, KY 40503	606 277-5344	
092	1704 S. TARBORO ST.	A	AC	RAWLS, WILLIAM	OBG	025	REGISTER, JOHN FRANCIS	ORS	041
092	WILSON 27893	919 291-7001		801 MCCARTHY BLVD.	A	AC	310 ROCKFORD ROAD	A	L
092	RANDALL, MARCUS EDDIE	ON	034	NEW BERN 28560	919 633-3942		GREENSBORO 27401	919 274-0161	
092	300 S. HAWTHORNE RD.	A	AC	RAY, V. GAIL	EM	074	REIBEL, DONALD BAUMANN	ORS	092
092	DIV. RADIATION ONCOLOGY			DEPT. OF EMERGENCY MED.	A	AC	P. O. BOX 10707	A	AC
092	WINSTON-SALEM 27103	919 748-4981		ECU SCHOOL OF MEDICINE			RALEIGH 27605	919 781-5600	
092	RANDOLPH, ANGUS CRAWFORD	P/N	034	GREENVILLE 27834	919 551-4757		REIBOLD, ROBERT J.	IM	045
092	300 S. HAWTHORNE RD.	A	L	RAY, VERONICA JOSEPHINE FORBES	IM	032	111 TIMBERCREEK RD.	A	AC
092	WINSTON-SALEM 27103	919 748-4635		1301 FAYETTEVILLE ST.		AC	HENDERSONVILLE 28739	704 692-3539	
092	RANEY, RICHARD BEVERLY, SR.	ORS	032	DURHAM 27707	919 683-1316		REICHLING, GEORGE HENRY	D	067
092	N. C. MEMORIAL HOSPITAL	A	L/RT	RAY, WALTER CARROLL	GYN	041	300 WESTERN BLVD.		AC
092	CHAPEL HILL 27514	919 966-2030		522 N. ELAM AVE.	A	* AC	JACKSONVILLE 28540	919 577-7288	
092	RANGAR, JITINDER SINGH	DR /NM	051	GREENSBORO 27403	919 299-3101		REICHLING, PIRKKO ESTERI	GP	067
092	P. O. BOX 58		AC	RAYMER, JAMES BARKER	GS	060	300 WESTERN BLVD.		AC
092	SMITHFIELD 27577	919 934-8171		1928 RANDOLPH ROAD	A	AC	JACKSONVILLE 28540	919 353-0176	
092	RANKIN, CHARLES ALBERT, JR.	OBG	011	CHARLOTTE 28207	704 333-6524		REID, CHARLES FREDRIC	U	034
092	80 VICTORIA ROAD	A	AC	RAYNOR, LEIGHTON ALVIN	OPH	012	1806 S. HAWTHORNE RD.	A	AC
092	ASHEVILLE 28801	704 255-8900		335 E. PARKER RD.		AC	PO BOX 5655		
092	RANKIN, JAMES SCOTT	TS	032	MORGANTON 28655	704 433-6220		WINSTON-SALEM 27103	919 768-0735	
092	BOX 3851, DUMC	A	AC	REAMES, PATRICK MARTIN	R	060	REID, CHARLES HAMILTON, JR.	IM	034
092	DURHAM 27710	919 684-2718		PO BOX 33549	A	AC	215 PLYMOUTH AVE.	A	L/RT
092				CHARLOTTE 28233	704 371-4056		WINSTON-SALEM 27104	919 768-0994	

REID, ROBERT LEARY 110 DOCTOR'S PARK P. O. BOX 578 LINCOLNTON 28092	FP /CD 055 AC	RHODES, JAMES SLADE, JR. 407 N. SMITHWICK ST. WILLIAMSTON 27892	GP 007 A L/RT 919 792-2036	RICHTER, RICHARD LESTER 1700 GRACE ST. WINSTON-SALEM 27103	034 S 919 722-5918
REID, ROBERT LEARY, JR. 110 DOCTOR'S PARK P. O. BOX 578 LINCOLNTON 28092	FP 055 AC	RHODES, JOHN FLINT 2800 BLUE RIDGE BLVD. STE. 403 RALEIGH 27607	U 092 A P AC 919 781-7113	RIDDICK, GEORGE WALTON, JR. KINSTON CLINIC, NORTH KINSTON 28501	OPH 054 A AC 919 522-1611
REID, STEVEN HUNTER 803 DELANEY ST. RICHMOND, VA 23229	DR 000 A R	RHODES, JOHN SLOAN 10 SPRINGMOOR DRIVE RALEIGH 27615	U 092 A L/RT 919 848-7010	RIDGWAY, ALTON H. RFD #3, BOX 34-I EAST BEND 27018	AN /FP 086 A AC 919 699-8283
REID, WILLIAM JOSEPH 2301 DANBURY ROAD GREENSBORO 27408	FP 041 A L	RHODES, MARSHA JERNIGAN 249 BILLINGSLEY ROAD CHARLOTTE 28211	PD 060 AC 704 375-1885	RIEFKOH, RONALD DUMC, DIV. OF PLASTIC SURGERY DURHAM 27710	PS /GS 032 AC 919 684-2854
REIDA, RONALD JACK 4514 GREENVIEW RD. NEW BERN 28560	EM /PD 025 A AC	RHYNE, JAMES MOODY 757 BRYANT ST. STATESVILLE 28677	IM /N 049 * AC 704 873-5658	RIEGER, ROBERT PAUL 510 HEARTHSIDE DR. WINSTON-SALEM 27104	AN /PDC 034 AC
REINDOLLER, ROBERT WILLIAM 1900 RANDOLPH RD. STE. 910 CHARLOTTE 28207	GE /IM 060 A AC	RHYNE, JIMMIE LEE DIV. OF HEALTH SERVICES PO BOX 2091 RALEIGH 27602	PH /PD 092 * AC 919 733-7791	RIELA, ANTHONY RICHARD 211 RIVERBEND DR. BERMUDA RUN 27006	CHN /N 034 A P AC 919 998-7646
REISER, HARVEY J. 9TH AND WALNUT STREETS PHILADELPHIA, PA 19107	OPH 032 A R	RIBNER, BRUCE STEVEN VA MEDICAL CENTER ASHEVILLE 28805	ID 011 AC 704 298-7911	RIEMAN, GILBERT FLETCHER 2148 ECHO LANE WILMINGTON 28403	OBG 065 A RT 919 343-0161
REITER, RICHARD MARTIN 603 BEAMON ST. CLINTON 28328	GS 082 AC	RICCI, DANIEL MICHAEL RT. #2, BOX 117X WARSAW 28398	IM 031 A AC 919 289-3086	RIESER, GEOFFREY DAVIS 2833 BIRCHWOOD DR. WINSTON-SALEM 27103	A R 919 760-3090
REMINGTON, JOHN LAUREN 2101 S. LIVE OAK PARKWAY WILMINGTON 28403	DR 065 A AC	RICE, A. DOUGLAS 2919 COLONY ROAD DURHAM 27705	PD 032 A AC 919 489-9158	RIGGAN, JASPER SIMMONS, III 300 S. HAWTHORNE RD. STUDENT BOX 537 WINSTON-SALEM 27103	A S 919 760-1795
RENALDO, DONALD PHILIP 1900 RANDOLPH ROAD CHARLOTTE 28207	OPH 060 A P * AC	RICE, EDMOND LEE UNITED CHRISTIAN HOSPITAL LAHORE, WEST PAKISTAN	GS 036 H	RIGGS, MILLARD MCADOO 105 WOODSWAY LANE MORGANTON 28655	FP 012 A L/RT 704 433-1585
RENDALL, JOHN LLOYD, III 108 KEMP ROAD, EAST GREENSBORO 27410	ORS 041 A AC	RICE, JOHN RUSSELL BOX 3383, DUMC DURHAM 27710	RHU 032 A AC 919 684-3313	RILEY, DAVID LINDLEY PO BOX 2870 P. O. BOX 3345 CONCORD 28025	DR 013 A AC 704 786-0214
RENDLEMAN, DAVID ATWELL, III 3410 EXECUTIVE DRIVE RALEIGH 27609	ORS 092 A * AC	RICE, JOHN SIDNEY 143 33RD AVENUE, NW HICKORY 28601	D 018 A L/RT 704 327-0069	RILEY, JAMES CHARLES 125 BALDWIN AVE. CHARLOTTE 28204	IM /GE 060 A AC 704 374-1696
RENDLEMAN, DAVID ATWELL, JR. P. O. BOX 4327 SALISBURY 28144	FP 080 AC	RICE, LUCIAN CANDLER, JR. 147 ASHELAND AVENUE ASHEVILLE 28801	IM 011 A AC 704 258-1188	RILEY, PATRICK MICHAEL 504 ALDERSON WASHINGTON 27889	AN 007 A AC 919 946-5846
RENNICK, JOHN H., JR. PO BOX 425 MANSON 27553	FP 091 AC	RICE, REED PORTER DUKE HOSPITAL DURHAM 27710	DR 032 A AC 919 684-2711	RILEY, WILLIAM JOSEPH 605 W. 25TH STREET NEWTON 28658	GS 018 AC 704 464-5340
RENUART, ADHEMAR WILLIAM, III 1830 HILLDALE ROAD DURHAM 27705	N/PD 032 AC	RICE, WILLIAM CHARLES 1012 S. KINGS DR., STE. 806 CHARLOTTE 28283	U 060 A AC 704 334-6449	RIMER, BOBBY ALAN CHARLOTTE MEM. HOSP. PO BOX 32861 CHARLOTTE 28232	OBG 060 A * AC 704 331-3149
REVELLE, BONNIE CAULKINS 421 S. PEACHTREE ST. AHOSKIE 27910	PD 008 AC	RICE, WILLIAM YATES, III 706 FRIAR TUCK ROAD WINSTON-SALEM 27104	034 A S 919 768-7293	RINEHART, DAVID APGAR 9 FOREST HILL ROAD BELMONT 28012	FP 036 A AC 704 825-5333
REVES, JOS. GERALD BOX 3094, DUMC DURHAM 27710	AN 032 A AC	RICHARDS, FREDERICK, II 300 S. HAWTHORNE RD. WINSTON-SALEM 27103	ON /HEM 034 A AC 919 748-4337	RINKER, GEORGE ERNEST 817 COLONIAL DRIVE BURLINGTON 27215	PTH /IM 001 A P AC 919 584-5171
REYNOLDS, ERNEST HAROLD P. O. BOX 330 REIDSVILLE 27320	FP 079 A L	RICHARDS, ROBERT DAY ROUTE #2 WILSON 27893	FP 098 A AC 919 291-2215	RIOPOL, DONALD AIME 1960 RANDOLPH ROAD CHARLOTTE 28207	PDC 060 A AC 704 373-1503
REYNOLDS, FRANK RUSSELL 1613 DOCK STREET WILMINGTON 28401	PD 065 A P * AC	RICHARDSON, DAVID LEE 395 WEST 27TH STREET LUMBERTON 28358	IM 078 A AC 919 739-7551	RIPPY, WILLIAM DENNIS 1610 VAUGHN ROAD BURLINGTON 27215	FP 001 A * AC 919 226-4471
REYNOLDS, JAMES WOODROW, JR. 826 W. HENDERSON STREET SALISBURY 28144	OTO /A 080 * AC	RICHARDSON, ERNEST C., JR. 4001 TRENT PINES DR. NEW BERN 28560	GYN /OBS 025 919 633-3942	RIRIE, DOUGLAS G. 130 #M E. LONGVIEW CHAPEL HILL 27514	032 A S 919 967-0746
REYNOLDS, JOHN LAURENCE 404 MELODY LANE SHELBY 28150	AN 023 AC	RICHARDSON, GEORGE IRVIN P. O. BOX 1857 REIDSVILLE 27320	FP 079 AC 919 349-5040	RISKA, PAUL FRANK BOX 2733, DUMC DURHAM 27710	032 A S 919 383-5620
REYNOLDS, JOHN OZMENT, JR. 410 MOCKSVILLE AVE. SALISBURY 28144	OPH 080 A P * AC	RICHARDSON, LUCILE WELSH 355 PEACH STREET PINEBLUFF 28373	PUD /IM 047 L/RT 919 281-3236	RITCH, DOUGLAS LAMAR 335 N. CASWELL ROAD CHARLOTTE 28204	IM 060 A AC 704 376-4852
REYNOLDS, JOYCE HINSON 9550 FREEMAN ROAD KERNERSVILLE 27284	EM 034 AC	†RICHARDSON, WILLIAM PERRY 300 GLANDON DRIVE DECEASED -- 4-14-87 CHAPEL HILL 27514	GPM 032 A L 919 942-3560	RITCHEY, JOHN PHILLIP 6816 UPPINGHAM ROAD FAYETTEVILLE 28306	OPH 026 AC 919 484-6141
REYNOLDS, ROBERT JACK 445 BILTMORE AVE. STE. 407 ASHEVILLE 28801	IM 011 A AC	RICHER, CHARLOTTE MARTHA DIV. OF HEALTH SERVICES STE. 506, WACHOVIA BLDG. FAYETTEVILLE 28301	919 848-1191	RITCHIE, HENRY JACKSON 865 CHURCH STREET, NORTH CONCORD 28025	GP 013 A AC 704 786-3181
RHOADES, VADE G. 2240 CLOVERDALE AVE., STE. 98 WINSTON-SALEM 27103	D 034 A * AC	†RICHMAN, SAMUEL 342 N. ELM STREET DECEASED - 6-5-87 GREENSBORO 27401	DR 041 A L 919 275-8486	RIZZUTI, RICHARD PHILIP 504 LANCELOT DR. GREENVILLE 27834	074 A R 919 756-0060
RHOADS, EDWARD JOHN 606 WALTER REED DR. GREENSBORO 27403	P/PYA 041 AC	RICHMOND, GLENN HICKAM, JR. CAMELOT VILLAGE, J-4 CHAPEL HILL 27514	032 A S 919 929-4483	ROACH, ROBERT BURCHELL 401 MULBERRY ST. SW, STE. 101 LENOIR 28645	GS 014 A AC 704 758-5501
RHOADS, JOHN MCFARLANE BOX 3903, DUMC DURHAM 27710	P/PYA 032 AC	RICHTER, JOEL EDWARDS 300 S. HAWTHORNE RD. WINSTON-SALEM 27103	GE /IM 034 AC 919 748-2810	ROARK, GARY LEE 1106 MELROSE ST. WINSTON-SALEM 27103	034 A * S 919 761-1590

ROARK, ROGER LEE	GS 049	ROBERTSON, LEON WHITFIELD	FP /OM 064	ROGERS, LARRY ARCH	NS 060
750 E. HARTNESS ROAD	AC	107 MEDICAL ARTS MALL	AC	1010 EDGEHILL ROAD, NORTH	A AC
STATESVILLE 28677	704 873-2516	ROCKY MOUNT 27801	919 443-8810	CHARLOTTE 28207	704 376-1605
ROBACZEWSKI, DAVID L.	034	ROBERTSON, LLOYD HARVEY, JR.	U 080	ROGERS, NOEL BRUCE	ORS 067
261-G DALEWOOD DR.	A S	909 W. HENDERSON STREET	A P AC	128 MEMORIAL DRIVE	A P AC
WINSTON-SALEM 27104	919 760-1643	SALISBURY 28144	704 633-9441	JACKSONVILLE 28540	919 353-4500
ROBB, JEFFREY WALLACE	AN 074	ROBICSEK, FRANCIS	TS /CDS 060	ROGERS, RICHARD O., JR.	IM 070
PHYSICIANS QUADRANGLE	A P AC	1960 RANDOLPH ROAD	A AC	BOX 724	A AC
PITT CO. ANESTHESIA		CHARLOTTE 28207	704 373-1500	FRANKLIN, VA 23851	919 491-2446
GREENVILLE 27834	919 752-2140	ROBIE, PETER WILLIAM	IM 034	ROGERS, ROBERT LEE, JR.	OBG 014
ROBBINS, JACK GUYES	D 032	300 S. HAWTHORNE RD.	A AC	P. O. BOX 2640	A AC
823 BROAD STREET	A P AC	WINSTON-SALEM 27103	919 748-2085	LENOIR 28645	704 758-2309
DURHAM 27705	919 286-4195	ROBINSON, CHARLES HALL, JR.	OPH 092	ROGERS, SEYMOUR SHULMAN	GS 041
ROBBINS, PHILIP SLOAN	P 007	3900 OLD WAKE FOREST ROAD	A AC	1503 ALLENDALE ROAD	A L/RT
TIDELAND MENTAL HLTH CTR.	AC	SUITE 104		GREENSBORO 27408	919 273-6695
WASHINGTON 27889	919 946-8061	RALEIGH 27609	919 872-3242	ROGERS, TED	OPH 044
ROBERSON, EDWARD LEON	GS 033	ROBINSON, CHARLES WILSON	GP 060	79 PARAGON PARKWAY	A P AC
807 MAIN STREET	A L/RT	816 CHEROKEE RD.	A L	CLYDE 28721	704 456-9423
TARBORO 27886	919 823-3035	CHARLOTTE 28207	704 333-6086	ROLLER, JEFFREY EARL	032
ROBERSON, GEORGE DON	OTO /A 060	ROBINSON, JAMES ELBERT	ORS 034	405-C MASON FARM RD.	A S
3535 RANDOLPH ROAD	A AC	FORSYTH MEDICAL PARK, STE. 504	AC	CHAPEL HILL 27514	919 933-6784
CHARLOTTE 28211	704 365-0711	WINSTON-SALEM 27103	919 768-9500	ROLLINS, CHARLES DICK	GP 091
ROBERSON, ROBERT STUART	PH 044	ROBINSON, JAMES THOMAS, JR.	FP 040	507 GRANITE STREET	A L
305 GRIMBALL DR.	A L	1124 E. LEXINGTON AVENUE	A AC	HENDERSON 27536	919 438-7263
HAZELWOOD 28738	704 456-3662	HIGH POINT 27262	919 882-1606	ROLLINS, HAL JUDD, JR.	OPH 041
ROBERSON, VIRGIL ODELL, III	AN 040	ROBINSON, LINDA MOORE	FP 043	348 N. ELM STREET	A AC
502 LINDSAY ST.	A AC	COATS MEDICAL CLINIC	A AC	GREENSBORO 27401	919 274-4626
PO BOX 2324		P. O. BOX 280		ROLLINS, ROBERT LEROY, JR.	P 092
HIGH POINT 27261	919 882-2567	COATS 27521	919 897-6423	2500 WAKE DRIVE	A AC
ROBERTS, BENNIE DWAYNE	032	ROBINSON, NORMAN JEFFREY	CD /IM 065	RALEIGH 27608	919 733-5525
RT. #2, BOX 117-S	A S	2131 S. 17TH ST.	A P AC	ROME, BRUNO JOSEPH	IM /NM 045
WARSAW 28398	919 929-3098	PO BOX 9000		501 SIXTH AVENUE, WEST	A AC
ROBERTS, GAYLE ARLEN	ON 026	WILMINGTON 28402	919 343-0161	HENDERSONVILLE 28739	704 693-3483
509 EDINBURGH	AC	ROBINSON, SAM	GS /TS 023	ROMM, FREDRIC JAY	FP /GPM 034
FAYETTEVILLE 28303		106 EDMONT DRIVE	AC	BOWMAN GRAY-FAMILY MED.	AC
ROBERTS, HAROLD ROSS	HEM 032	KINGS MOUNTAIN 28086	704 739-4749	WINSTON-SALEM 27103	919 748-2229
UNC.CLINICAL SCI BLDG. 229-H		ROBINSON, STEPHEN CARY	NS 041	ROMM, WILLIAM HENRY	FP 070
CHAPEL HILL 27514	919 966-4305	200 E. NORTHWOOD, SUITE 504	A AC	P. O. BOX 400	L/RT
ROBERTS, JESSE EARLE	RHU /IM 034	GREENSBORO 27401	919 272-4578	MOYOCK 27958	919 435-6621
1425 PLAZA DRIVE	A AC	ROBINSON, WILLIAM PETERSON	P 065	ROOD, MARY FRANCES MUNCH	P 092
WINSTON-SALEM 27103	919 768-5221	2023 SOUTH 17TH STREET	AC	2440 SPRINGMOOR CIRCLE	AC
ROBERTS, JOHN MILTON, JR.	OBG 082	WILMINGTON 28401	919 343-0151	RALEIGH 27615	919 848-7440
400 COOPER DRIVE	AC	ROCAMORA, LEE RUSSELL	IM /GE 034	ROOT, JAMES HAROLD, JR.	PD 026
CLINTON 28328	919 592-1414	2240 CLOVERDALE AVE., STE. 215	AC	PO BOX 367	A AC
ROBERTS, LLOYD EUGENE	OBG 065	WINSTON-SALEM 27103	919 725-3591	KILMARNOCK, VA 22482	
1612 DOCTOR'S CIRCLE	A AC	ROCHMAN, STEPHEN CHARLES	U 026	ROPER, JOHN TRACY	ORS 060
WILMINGTON 28401	919 763-9015	513 OWEN DRIVE	A AC	2001 RANDOLPH ROAD	A P AC
ROBERTS, LOUIS CARROLL	U 032	FAYETTEVILLE 28304	919 485-8801	CHARLOTTE 28207	704 377-4907
3950 PLYMOUTH ROAD	A L/RT	ROCKWELL, DAVID ALLEN	ORS 096	ROSE, JOHN DAVID	CD /IM 074
DURHAM 27707	919 489-4215	2701 MEDICAL OFFICE PLACE	A AC	1800 W. 5TH ST., #2	AC
ROBERTS, MARIE	PH 032	GOLDSBORO 27530	919 736-2157	GREENVILLE 27834	919 752-3185
BOX #7	A L/RT	ROCKWELL, WILLIAM J. K.	P 032	ROSE, RICHARD PHILLIP	ORS 034
BAHAMA 27503	919 477-2378	DUKE, DEPT. OF PSYCHIATRY	A P AC	FORSYTH MEDICAL PARK, STE. 504	AC
ROBERTS, RICHARD SCOTT	AI /PD 036	DURHAM 27710	919 684-3073	WINSTON-SALEM 27103	919 768-9500
1050 X-RAY DRIVE, SUITE A	AC	RODABAUGH, KERRY J.	032	ROSEN, RICHARD JAMES	IM /HEM 041
GASTONIA 28054	704 861-0515	1315 MORRENE RD. APT. 23L	A S	1032 PROFESSIONAL VILLAGE	AC
ROBERTS, ROY FOSTER	IM /CD 011	DURHAM 27705	919 847-9614	GREENSBORO 27401	919 273-9758
P. O. BOX 8127	A L	RODDEY, OLIVER FENNELL, JR.	PD 060	ROSEN, ROBERT DEAN	FP /EM 034
ASHEVILLE 28814	704 253-6549	2711--501 RANDOLPH ROAD	A AC	147 COLUMBINE DRIVE	A AC
ROBERTS, SURRY PARKER	RHU /IM 092	CHARLOTTE 28207	704 374-1736	WINSTON-SALEM 27106	919 722-9535
700 RUNNYMEDE ROAD	A RT	RODGERS, THEODORE YOUNG, III	ORS 083	ROSENBERG, ERIC RONALD	DR 065
RALEIGH 27607	919 781-1274	507 W. COVINGTON STREET	A AC	1924 S. LIVE OAK PARKWAY	A AC
ROBERTS, THOMAS ADAMS, JR.	GE /IM 060	LAURINBURG 28352	919 276-3541	WILMINGTON 28403	919 762-3882
1350 S. KINGS DR.	A AC	RODMAN, CLARK	IM 007	ROSENBERG, JOEL BENJAMIN	IM 011
CHARLOTTE 28207	704 372-8750	615 E. 12TH STREET	L/RT	445 BILTMORE CENTER, STE. 305	A AC
ROBERTS, WILLIAM STANLEY	CD /IM 060	WASHINGTON 27889	919 946-2101	ASHEVILLE 28801	704 253-1482
1350 S. KINGS DR.	AC	RODWELL, ELEANOR	GP 032	ROSENBERG, MARK ROBERT	032
CHARLOTTE 28207	704 365-1633	1118 HILLDALE ROAD	A L/RT	BOX 2841, DUMC	A S
ROBERTSON, BRISON OAKLEY, III	FP 011	DURHAM 27705	919 286-1119	DURHAM 27710	919 493-2846
5-F DOCTOR'S PARK	AC	ROEMER, CLIFFORD ERIC	DR 060	ROSENBERG, STANLEY JOSEPH	AN 041
ASHEVILLE 28801	704 252-8885	PO BOX 33549	A AC	PO BOX 10373	AC
ROBERTSON, CHARLES G., JR.	FP /IM 086	CHARLOTTE 28233	704 371-4056	GREENSBORO 27404	919 379-4092
815 ROCKFORD STREET	A AC	ROGERS, CHARLES STEWART	IM 041	ROSENOW, PHILIP JOHN	OBG 001
MOUNT AIRY 27030	919 786-7107	1200 N. ELM STREET	AC	1616 MEMORIAL DR.	AC
ROBERTSON, JAMES MEBANE	GP 049	GREENSBORO 27401	919 379-4062	BURLINGTON 27215	919 226-8817
PO BOX 150	A L	ROGERS, DAVID YORK	FP /EM 011	ROSENSTEIN, BYRON DAVID	ORS 032
HARMONY 28634	704 546-7587	115 1/2 MT. CARMETL RD.	AC	205 NORTHWOOD DR.	A R
ROBERTSON, JOHN NEWTON	OPH 026	ASHEVILLE 28806	704 253-3717	CHAPEL HILL 27514	919 942-4209
P. O. BOX 30	A L/RT	ROGERS, HOBART RAY	ORS /HS 081	ROSS, ALLAN	OBG 041
FAYETTEVILLE 28303	919 485-2732	NORRIS-BIGGS CLINIC	A AC	408 PARKWAY	A AC
ROBERTSON, JOSEPH LETCHER, JR.	PTH 070	RUTHERFORDTON 28139	704 286-9036	GREENSBORO 27401	919 378-1110
NORTH ROAD ST.	A AC	ROGERS, JACK MARRELL	P/N 034	ROSS, ARTHUR J., III	PDS 000
ELIZABETH CITY 27909	919 335-2258	BOWMAN GRAY, DEPT. OF PSY.	A AC	34TH ST. & CIVIC CENTER BLVD.	A AC
ROBERTSON, KENT ALAN	AN /IM 018	WINSTON-SALEM 27103	919 748-3617	PHILADELPHIA, PA 19104	215 596-9375
420 N. CENTER ST.	A P AC	ROGERS, JAMES MICHAEL	PD 034	ROSS, DAVID B.	ORS 040
HICKORY 28601	704 324-3587	3318 HEALY DRIVE	A AC	624 QUAKER LN. STE. D-200	AC
		WINSTON-SALEM 27103	919 765-8490	HIGH POINT 27262	919 841-6262

ROSS, DONALD MACCONNELL 1610 VAUGHN ROAD BURLINGTON 27215	GS 001 A L/RT 919 226-8416	ROSS, JAMES MILLER P. O. BOX 490 CLAREMONT 28610	FP 018 A AC 704 459-7324	ROSS, JOHN MARION 630 FIFTH AVENUE, WEST HENDERSONVILLE 28739	OBG 045 AC 704 692-2258	ROSS, OTHO B., JR. 3022 FERNCLIFF RD. CHARLOTTE 28211	IM 060 A L/RT 704 366-7820	ROSS, ROBERT MITCHELL 1365 WESTGATE CENTER DR.#G-1 WINSTON-SALEM 27103	AI 034 P AC 919 768-0914	ROSS, THOMAS EDGAR P. O. BOX 1827 ROCKINGHAM 28379	FP 077 A P AC 919 895-5253	ROSS, WILLIS RICHARD 320 YADKIN STREET ALBEMARLE 28001	FP 084 A AC 704 982-9144	ROSSER, GEORGE THOMAS 1925 TRILLIUM LANE CHARLOTTE 28211	R 013 A AC 704 786-0214	ROSTAN, STEPHEN EDWIN P. O. BOX 669 PINEHURST 28374	D/DMP 063 A P * AC 919 295-5567	ROSTAND, ROBERT ALTON 624 QUAKER LANE, STE. B211 HIGH POINT 27262	IM/PUD 040 A AC 919 889-1496	ROTHSTEIN, MANFRED SHELDON 1308 MEDICAL DRIVE FAYETTEVILLE 28304	D 026 A * AC 919 323-2227	ROUFAIL, WALTER MICHEL 1901 S. HAWTHORNE RD., #310 WINSTON-SALEM 27103	GE/IM 034 A AC 919 760-4340	ROUNDS, JOHN CARSON 104 CHESTERFIELD CT., #26 GREENVILLE 27834	A * S 919 355-7427	ROUSE, JAMES BRISTOL 306 S. GREGSON STREET DURHAM 27701	PD/N 032 A AC 919 688-6349	ROUSE, JOHN LAWRENCE, III 403 FAIRVIEW ST. CLINTON 28328	FP 082 AC 919 592-6011	ROVERE, GEORGE DAVITTO 300 S. HAWTHORNE ROAD WINSTON-SALEM 27103	ORS 034 A AC 919 748-3946	ROWE, CHARLES EUGENE, JR. 624 QUAKER LANE, SUITE D-100 HIGH POINT 27262	U 040 A AC 919 886-5151	ROWE, CHARLES ROY, JR. 750 HARTNESS ROAD STATESVILLE 28677	GS 049 AC 704 873-3929	ROWE, CHARLES THOMAS DOCTOR'S BLDG. STE. 103 PO BOX 2959 ASHEVILLE 28802	DR 011 * AC 704 254-4617	ROWE, WILLIAM THOMAS 1511 WESTOVER TERRACE GREENSBORO 27408	RHU/IM 041 IM AC 919 378-1461	ROWLAND, MICHAEL CLARK P. O. BOX 2000 PINEHURST 28374	GS 063 A P AC 919 295-2232	ROY, RAYMOND CLYDE 454 WESTOVER AVENUE WINSTON-SALEM 27104	AN 034 A * AC 919 748-4498	ROYAL, BILLY WILLIAMSON P. O. BOX 2387 CHAPEL HILL 27514	P 032 A P * AC 919 733-5540	ROYAL, DONNIE MARTIN BOX 156 SALEMURG 28385	GP 082 A * L 919 525-4538	ROYAL, PHILIP WAYNE RT. #1, BOX 323-E CHAPEL HILL 27514	032 A S	ROYSTER, CHAUNCEY LAKE 1801 McDONALD LANE RALEIGH 27608	IM 092 A L/RT 919 832-0796	ROZAKIS, GEORGE WILLIAM 2 ABINGDON WAY DURHAM 27707	032 A R 919 544-7906	ROZEAR, MARVIN PRICE BOX 3849, DUKE UNIV. MED. CTR. DURHAM 27710	N 032 A AC 919 684-8111	ROZEMA, THEODORE CARL 220 HUNTING COUNTRY ROAD TRYON 28782	GPM 075 AC 803 457-4141	ROZIER, JOHN CHARLES, JR. 4300 FAYETTEVILLE ROAD LUMBERTON 28358	OBG 078 A AC 919 738-9601	RUARK, ROBERT JAMES 525 WADE AVENUE, APT. #51 RALEIGH 27605	OBG 092 A L/RT 919 832-4722	RUBIN, MICHAEL HOTELLING 1830 S. HAWTHORNE ROAD WINSTON-SALEM 27103	GE/IM 034 AC 919 765-0463	RUBIN, RICHARD BENNETT ST. MARGARET'S HOSPITAL P.O. DRAWER 311 MONTGOMERY, AL 36195	P 067 A AC	RUCKER, WILLIAM L. 10 DOCTOR'S PARK GREENVILLE 27834	GS 074 A * AC 919 758-1747	RUDD, EUGENE GREGORY PO BOX 1413 MEDICAL COURT SOUTH MARION 28752	OBG 059 AC 704 652-3019	RUDISILL, ELBERT ANDREW, JR. 133 FIRST AVE., SE HICKORY 28601	FP 018 A AC 704 322-5915	RUFFIN, MACK THOMAS, IV 3112 GEORGIA AVE. S. ST. LOUIS PARK, MN 55426	FP 034 A R	RUFTY, ALFRED JACKSON, JR. BOWMAN GRAY, DEPT. OF MED. WINSTON-SALEM 27103	CD/IM 034 A AC 919 748-4469	RUIZ, FERNANDO REY 4096 BARRETT DR. RALEIGH 27609	P/GER 092 AC 919 832-7606	RUMLEY, RICHARD LEE DEPT. OF MEDICINE ECU SCHOOL OF MEDICINE GREENVILLE 27834	IM/ID 074 A AC 919 551-2550	RUNGE, JEFFREY WILLIAM PO BOX 32861 CHARLOTTE 28232	EM 060 A AC 704 331-3181	RUPPENTHAL, C. ROBERT, JR. 1350 S. KINGS DRIVE CHARLOTTE 28207	IM/HEM 060 A AC 704 372-8750	RUSKIN, JEROME 1904 N. CHURCH STREET GREENSBORO 27405	CD 041 A AC 919 274-3241	RUSS, DONALD JAMES 3535 RANDOLPH ROAD CHARLOTTE 28211	IM 060 A AC 704 365-0760	RUSSELL, DAVID NORMAN MARSHVILLE MED. CTR. OLD HIGHWAY 74 MARSHVILLE 28103	090 A P AC 704 624-6688	RUSSELL, DOUGLAS MACARTHUR 304 GLEN OAK DRIVE GOLDSBORO 27530	GS 096 A P * AC 919 734-5010	RUSSELL, EUGENE FAIRCHILD, III 1309 N. ELM STREET GREENSBORO 27401	OBG 041 A AC 919 273-2563	RUSSELL, JEFFREY KENT 445 BILTMORE CENTER, STE. 302 ASHEVILLE 28801	DIA/END 011 A * AC 704 253-6812	RUSSELL, JOHN HUNTER 14 MCDOWELL ST. ASHEVILLE 28801	CD 011 AC 704 254-8054	RUSSELL, JOSEPH DWIGHT 1700 S. TARBORO ST. WILSON 27893	IM/NEP 098 A AC 919 291-1300	RUSSELL, PHILIP EVERITT 204 DOCTOR'S BUILDING ASHEVILLE 28801	IM/PUD 011 A AC 704 253-9371	RUSSELL, ROGER BIVINS 2501 NORTH ST., STE. 500 RALEIGH 27607	PS/GS 092 A AC 919 782-7762	RUSSELL, SHAWN ELAINE IBM, BOX 12195 RESEARCH TRIANGLE PK 919 543-5511	P 032 A P AC	RUSSELL, WILLIAM MICHAEL P. O. BOX 250 ELIZABETH CITY 27909	R/NM 070 A AC 919 335-0531	RUSSELL, WILSON GLOVER FORSYTH MEM HOSP-PTH WINSTON-SALEM 27103	PTH 034 A AC 919 773-3840	RUST, CARL KING, II 1202 MEDICAL CENTER DR. WILMINGTON 28401	GE/IM 065 A AC 919 341-3300	RUSTAD, TODD J. 1315 MORRENE RD. APT. 271 DURHAM 27705	032 A S 919 383-5828	RUTH, WAYNE KIMBERLY 1214 VAUGHN RD. STE. A BURLINGTON 27215	PUD/IM 001 AC 919 229-4441	RUTHERFORD, EDMUND 2131 S. 17TH ST. WILMINGTON 28401	GS 000 A R 919 343-7000	RUTLEDGE, JOHN HOYLE, III 105 GROVER ST. SHELBY 28150	OBG 023 AC 704 482-2486	RUTLEDGE, MARY LOUISE 2157 NORTON ROAD CHARLOTTE 28207	PD 060 L/RT 704 334-9218	RYAN, ALBERT OLEN, JR. P. O. BOX 200 PISGAH FOREST 28768	OM 088 A AC 704 877-2806	RYAN, W. JAMES, II 723 EDITH STREET BURLINGTON 27215	P 001 AC 919 227-0126	RYAN, WILLIAM SCOTT 103 W. 27TH ST. LUMBERTON 28358	PD 078 AC 919 739-3318	RYBURN, SAMUEL BENJAMIN WILSON CLINIC WILSON 27893	PD 098 A AC 919 291-7001	RYDEN, JANICE BETH 300 S. HAWTHORNE RD. STUDENT BOX 543-BOWMAN GRAY WINSTON-SALEM 27103	034 A S 919 748-1783	RYMUZA, JEFFREY PO BOX 1460 OLD MOCKSVILLE RD. STATESVILLE 28677	IM/PUD 049 A AC 704 878-2011	SAAD, MAGED HANNA 3010 FALSTAFF ROAD RALEIGH 27610	P/GP 092 AC 919 821-0300	SABISTON, DAVID COSTON, JR. DUKE UNIV. MED. CTR. DURHAM 27710	GS/TS 032 A AC 919 684-2831	SABISTON, FRANK, JR. KINSTON CLINIC, NORTH BOX 1316 KINSTON 28501	GS/TS 054 A AC 919 522-1626	SABISTON, WALTER ROBERTS KINSTON CLINIC, NORTH, STE. K KINSTON 28501	OTO 054 A P * AC 919 523-0687	SACCO, RUSSELL JOHN 506 PARK HILL COURT HENDERSONVILLE 28739	IM 045 A * AC 704 692-3538	SACRINTY, NICHOLAS WILLIAM 608 LINDEN DR. EDEN 27288	IM/GE 079 AC 919 623-9794	SAEGER, PAUL JAY 129 MCDOWELL ST. ASHEVILLE 28801	ORS 011 A AC 704 258-8800	SAFIR, ARAN 2170 MIDLAND ROAD SOUTHERN PINES 28387	OPH 063 A AC 919 295-2100	SAFRAN, MARC RAYMOND BOX 2769, DUMC DURHAM 27710	032 A S 919 383-4055	SAGBERG, ANNE ELISABETH 343 BARNARD AVENUE ASHEVILLE 28804	P 011 A AC 704 254-3201	SAHBA, MEHRDAD MAJIDZADEH 306 S. GREGSON STREET DURHAM 27701	GE/IM 032 A AC 919 682-5561	SALAMEH, KAMAL B. 2415 W. VERNON AVE. KINSTON 28501	PD/GP 054 AC 919 522-1261	SALDANHA, RITA LOUIS 213 WOODHAVEN ROAD GREENVILLE 27834	NPM/PD 074 AC 919 551-4684	SALEEBY, RICHARD GEORGE 3801 COMPUTER DRIVE RALEIGH 27609	CRS 092 A P AC 919 787-2542	SALIBA, CONSTANTIN 3318 MELROSE ROAD FAYETTEVILLE 28304	GS 026 A AC 919 323-0280	SALISBURY, KENT WILLIAM 14 MCDOWELL STREET ASHEVILLE 28801	CD/IM 011 A AC 704 254-8054
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SALLE, GEORGE FREDERIC 1703 W. SIXTH STREET GREENVILLE 27834	U 074 A L 919 752-2507	SARDI, CARL ANTHONY 7100 BETHLEHEM CHURCH RD. CLIMAX 27233	OTO /A 041 A L 919 674-2509	SCARANTINO, CHARLES WALTER RADIATION ONCOLOGY CTR. ECU SCHOOL OF MEDICINE GREENVILLE 27834	TR 074 A AC 919 551-2900
SALLEE, D. SKIP BOX 3808, DUMC DURHAM 27710	032 * R 919 383-6548	SARGENT, WINSTON ARTHUR Y. 37 SUMMIT ST. BURNSVILLE 28714	GP 061 A L/RT	SCARBOROUGH, CHARLES F., JR. PO BOX 159 STAR 27356	GP 062 A AC 919 428-2144
SALLEY, BRUNSON MARTIN PO BOX 18248 CHARLOTTE 28218	FP 060 A AC 704 537-0020	SASIN, ILONA BRANDT 714 KEIGHTLY COURT WINSTON-SALEM 27104	FP /OM 034 AC 919 784-2476	SCARBOROUGH, DAWSON EMERSON WAKE CO. MED. CTR.,-PATH. RALEIGH 27610	PTH 092 A AC 919 755-8260
SALMON, ROBERT BRUCE 3535 RANDOLPH RD. CHARLOTTE 28211	R 060 A AC 704 338-2270	SASSER, PATRICK HENRY 100 E. LOCKHAVEN DRIVE GOLDSBORO 27530	GP 096 A AC 919 734-2924	SCARBOROUGH, WALTER AVERY, JR. 1004 DRESSER COURT, STE. 101 RALEIGH 27609	P 092 A AC 919 876-0090
SALTER, TERESA PALMER 101 W. DURHAM ROAD CARY 27511	PD 092 AC 919 467-5543	SATHER, RANDALL KENNETH 1901 HILLDALE ROAD DURHAM 27705	R 032 AC 919 383-9407	SCARFF, JOHN EDWIN, JR. 603 BEAMAN ST. CLINTON 28328	U/GS 082 A AC 919 592-7129
SALTON, RUSSELL ARTHUR, III 1618 E. MOREHEAD ST. CHARLOTTE 28207	FP 060 AC 704 523-1157	SATO, TAKAO LEWIS 6730 AMBERLEY LN. CLEMMONS 27012	IM 034 A R 919 766-9505	SCATLIFF, JAMES HOWARD N. C. MEMORIAL HOSPITAL CHAPEL HILL 27514	R 032 A AC 919 966-4238
SALTZMAN, HERBERT AARON BOX 3823, DUMC DURHAM 27710	PUD /A 032 A AC 919 684-4149	SATTERFIELD, BENTON SAPP 3126 BLUE RIDGE RD. RALEIGH 27606	OBG 092 P AC 919 782-3865	SCHAAF, ROBERT EDMUND WAKE RADIOLOGY CONSULTANT P. O. BOX 19366 RALEIGH 27619	DR 092 A AC 919 787-8199
SALVAGGIO, MARK ANTHONY 900 SUNSET DR. MONROE 28110	GS /VS 090 A AC 704 289-2561	SATTERFIELD, G. HOWARD, JR. DOCTOR'S PARK, BUILDING #5 GREENVILLE 27834	OBG 074 AC 919 758-5246	SCHAAL, JENNIFER CAROL 1507 WESTOVER TERR. STE. C GREENSBORO 27408	OBG 41 A AC 919 273-0936
SAMPSON, JOSEPH LUTHER, JR. 346 SHANDY LANE WILMINGTON 28401	PS /GS 065 A AC 919 343-9774	SATTERLY, ROBERT ALAN WILSON CLINIC WILSON 27893	OTO 098 A AC 919 291-7001	SCHAFERMEYER, ROBERT WM. CHARLOTTE MEM. HOSPITAL P. O. BOX 32861 CHARLOTTE 28232	EM /PD 060 * AC 704 338-3181
SAMUELS, WALTER RAY 150 PROVIDENCE ROAD CHARLOTTE 28207	OBG 060 A AC 704 377-0461	SATTERWHITE, WILLIAM M. 1420 PLAZA DRIVE WINSTON-SALEM 27103	OTO /HNS 034 A * AC 919 765-4922	SCHALL, STEWART ALLAN 1200 N. ELM ST. GREENSBORO 27401	PDC /PD 041 AC 919 379-4060
SANCHEZ, CLARE JEANNE 3000 NEW BERN AVE. WAKE AHEC MED. TEACHING SERV. RALEIGH 27610	GER /IM 092 A AC 919 755-8520	SATTLER, RAYMOND LOUIS 3314 MELROSE RD., APT. 104 FAYETTEVILLE 28304	NS 026 A P AC 919 738-7146	SCHARF, FORREST LARRY WAYNE CO. MEM. HOSP. CALLER BOX 8001 GOLDSBORO 27530	CLP /NM 096 AC 919 735-1530
SANCHEZ, RAFAEL CAMILO P. O. BOX 1846 GREENVILLE 27835	FP /ADL 074 A AC 919 551-2608	SAUNDERS, CHARLES LAWRENCE, JR. 523 WILDWOOD LN. BURLINGTON 27215	FP 008 AC 919 345-3791	SCHARYJ, MODESTO BOWMAN GRAY, DEPT. OF PATH. WINSTON-SALEM 27103	PTH 034 A AC 919 748-2632
SANDBORN, WILLIAM DEAL P. O. BOX 5400 FLETCHER 28732	GS 045 AC 704 687-1418	SAUNDERS, JAY FRED BOX 309 AULANDER 27805	CD 011 AC 704 254-8054	SCHecter, NANCY POST 3320 EXECUTIVE DRIVE RALEIGH 27609	N 092 A AC 919 872-0940
SANDERFORD, JAMES LYON, JR. 3155 MAPLEWOOD AVENUE WINSTON-SALEM 27103	DR /NM 034 A AC 919 773-3874	SAUTER, SUZANNE VAN HOUTEN UNC, TRAILER 33, 307-H CHAPEL HILL 27514	RHU /IM 032 AC 919 966-5164	SCHEIL, CHARLES DAVID 24-F STRATFORD HILLS CHAPEL HILL 27514	032 A S 919 967-4308
SANDERS, GEO. HERBERT SUMNER 119 F-4 FIDELITY ST. CARRBORO 27510	032 A S 919 942-0546	SAVARESE, CHARLES JOSEPH, JR. P. O. BOX 1948 SHALLOTTE 28459	FP /CD 010 A * AC 919 754-8105	SCHEIL, CHARLES PHILIP P. O. BOX 960 LENOIR 28645	FP 014 AC 704 754-0541
SANDERS, JAMES ALLEN 902-E COX ROAD GASTONIA 28052	ORS 036 A P AC 704 867-2333	SAVIDGE, THOMAS OLIVER 601 LAUCHWOOD DR. LAURINBURG 28352	IM /CD 083 A AC 919 276-7727	SCHERER, IRVIN GEORGE P. O. BOX 7 UNION GROVE 28689	FP 049 A AC 704 539-4731
SANDERS, JAMES HENRY, JR. P. O. BOX 389 BREVARD 28712	FP /GER 088 A AC 704 884-9362	SAVITT, MICHAEL ANDREW 3702 CHIMNEY RIDGE PL. DURHAM 27713	032 A S 919 286-1989	SCHERER, JAMES LEROY 3155 MAPLEWOOD AVENUE WINSTON-SALEM 27103	R/DR 034 A AC 919 773-3874
SANDERS, LEE HYMAN 2502 ANDERSON DRIVE RALEIGH 27608	PD 092 L/RT 919 787-9888	SAVORY, PAUL BORRODAILE 78 FOREST RD. ASHEVILLE 28803	R 011 AC 704 274-3628	SCHIEBEL, HERMAN MAX 1020 ANDERSON ST. DURHAM 27705	GS /TS 032 A L 919 489-5109
SANDLER, ROBERT SAMUEL UNC, 423 CLINICAL SCI. 229-H CHAPEL HILL 27514	GE 032 AC 919 966-2511	SAWHNEY, DEEPAK 4 GOOSENECK CIRCLE CHAPEL HILL 27514	032 A S 919 968-1747	SCHIESS, ROBERT JOHN, III 2713 NEUSE BOULEVARD NEW BERN 28560	NS 025 A P AC 919 633-6070
SANDRIDGE, DAVID ALLEN 50 DOCTORS DR. #120 W. ANNEX ASHEVILLE 28801	OBG 011 A AC 704 255-8900	SAWYER, CHARLES GLENN 300 S. HAWTHORNE RD. WINSTON-SALEM 27103	CD /IM 034 A AC 919 748-4462	SCHILLER, HERBERT MILES 2570 EMPIRE DR. WINSTON-SALEM 27103	PTH /CLP 034 AC 919 760-4620
SANDY, ROBERT EUGENE 608 E. 12TH STREET WASHINGTON 27889	R 007 A AC 919 946-2137	SAWYER, CHARLES JUDSON, III MEDICAL ARTS CTR., ACADEMY ST. AHOSKIE 27910	FP 008 AC 919 332-3548	SCHKOLNE, BENZION 300 BEECHCLIFF COURT WINSTON-SALEM 27104	AN 034 A AC 919 765-9091
SANFILIPPO, ALFRED PAUL 3315 STONEYBROOK DRIVE DURHAM 27705	PTH /IG 032 A AC 919 684-2482	SAWYER, JOHN WILSON 609 WALTER REED DRIVE GREENSBORO 27403	IM 041 A AC 919 299-2815	SCHLASEMAN, GUY W. 3643 N. ROXBORO ST. DURHAM 27704	R 032 AC 919 471-3411
SANFORD, WILLIAM GORDON 440 FRIAR TUCK RD. WINSTON-SALEM 27104	OM /IM 034 A AC	SAWYER, THOMAS R. PO BOX 2445 PINEHURST 28374	OPH 063 A * AC 919 295-2100	SCHLOSSMAN, DAVID MICHAEL BOX 3843, DUMC DURHAM 27710	IM /ON 032 A AC 919 684-4385
SANKAR, SEELAPATHUR G. 1610 VAUGHN RD. BURLINGTON 27215	GS /CDS 001 A AC 919 226-3417	SAWYER, TIMOTHY T. 1522 VAUGHN RD. BURLINGTON 27215	D 001 A * AC 919 226-9393	SCHMALTZ, ROBERT ANDREW 604 W. KNOX ST. DURHAM 27701	032 A S 919 383-5972
SANTOSO, RUDY ADRIAN ROUTE #3, BOX 331 HICKORY 28601	N 018 A AC 704 324-4143	SAXE, JESSICA SCHORR 2216 DILWORTH ROAD, WEST CHARLOTTE 28203	FP 060 AC 704 338-3084	SCHMID, HERMAN ERNEST, JR. 147 COLUMBINE DR. WINSTON-SALEM 27106	FP /GP 034 A P AC 919 722-9535
SAPPENFIELD, DAVID LUTHER 5207 S. W. 86TH TERRACE GAINESVILLE, FL 32608	OPH 000 A P R 904 392-3111	SAYERS, DANIEL GARVIN 2804 MONTCLAIR ROAD WINSTON-SALEM 27106	EM 034 A AC 919 748-4625	SCHMIDT, CARL JACOB GENERAL ELECTRIC CO. P.O. BOX 780, M/C B06 WILMINGTON 28401	OM 065 A AC 919 343-5320
SAPPENFIELD, LUTHER COOK, JR. 1629 OWEN DRIVE FAYETTEVILLE 28304	OPH 026 AC 919 484-6141	SAYERS, WILLIAM FLOYD 3318 HEALY DRIVE WINSTON-SALEM 27103	PD 034 A AC 919 765-8490	SCHMIDT, EVELYN 1301 FAYETTEVILLE STREET DURHAM 27707	PD /PH 032 A AC 919 683-1316
SARAZEN, PAUL MARK, JR. 101 GROVER STREET SHELBY 28150	PD 023 A AC 704 482-1435	SCANLAN, JAMES GEORGE 3400 EXECUTIVE DR., STE. 201 RALEIGH 27609	CD /IM 092 A P AC 919 872-8920		

SCHMITT, PHILIP JULIAN PO BOX 9149 HICKORY 28603	P/CHP 018 A AC 704 327-7888	SCOTT, CHARLES KIMREY 530 W. WEBB AVENUE BURLINGTON 27215	PD /ADL 001 AC 919 228-8316	SEEMAN, BRIAN ANDREW 702 TILGHMAN DR. DUNN 28334	AN 043 A AC 919 892-9261
SCHMITT, RAYMOND FRANCIS, JR. 215-A RIVER TRAIL RIVERVIEW APTS. MORGANTON 28655	CHP /P 032 A AC	SCOTT, CHARLES MATTHEW 543 MASONBORO SOUND RD. WILMINGTON 28403	GS /CDS 065 AC 919 763-6289	SEEN, NELSON DEN 1641-S NORTHWEST BLVD. WINSTON-SALEM 27104	034 A S 919 725-9247
SCHMITTER, KARL JOSEPH 902 COX RD., STE. C GASTONIA 28054	GS /HNS 036 A AC 704 864-7821	SCOTT, CORIDALIA WALD 2803 LAKE FOREST DR. GREENSBORO 27408	PTH 041 A AC 919 854-6455	SEGRETI, EILEEN MARIE 538 FINLEY ST. DURHAM 27705	032 A S 919 383-7558
SCHNEE, CHARLES FREDERICK 290 SHORELINE DRIVE NEW BERN 28560	GS /FP 025 A AS 919 638-2962	SCOTT, DEBORAH ANNETTE 1012 KINGS DR. STE. 1024 CHARLOTTE 28283	PD 060 AC 704 376-0884	SEHGAL, NARINDER NATH ECU DEPT. OF OB-GYN GREENVILLE 27858	OBG 074 AC 919 551-4622
SCHNELL, EDWARD WALTER 1902-D N. SANDHILLS BLVD. ABERDEEN 28315	OPH 063 A P AC 919 692-4468	SCOTT, DIANNE LYNNETTE BOX 3094, DUMC DURHAM 27710	AN 032 AC 919 684-3239	SEHGAL, PRAGNA NINA ECU DEPT. OF FAMILY MED. PO BOX 1846 GREENVILLE 27835	FP 074 A AC 919 551-2059
SCHOEN, WALTER 1350 S. KINGS DR. CHARLOTTE 28207	OBG 060 AC 704 372-8750	SCOTT, EDWIN HUGHES 99 MAXWELL ROAD CHAPEL HILL 27514	A S 919 942-3115	SEIDEL, MURRAY KAYE 1222 MEDICAL CENTER DRIVE WILMINGTON 28401	ORS 065 A AC 919 763-2977
SCHOLL, GEORGE KENNETH, JR. 1012 KINGS DR., STE. 806 CHARLOTTE 28283	U 060 A AC 704 334-6449	SCOTT, HARRY WHITE 3900 BROWNING PL., STE. 202 RALEIGH 27609	D 092 AC 919 782-2735	SEIGLER, HILLIARD FOSTER BOX 3966, DUMC DURHAM 27710	GS 032 A AC 919 684-3942
SCHROETER, THOMAS ANTHONY 1008 S. HAWTHORNE RD. WINSTON-SALEM 27103	034 A S 919 723-3633	SCOTT, JACKSON VANCE 101 W. CATAWBA AVENUE MOUNT HOLLY 28120	FP /IM 036 A AC 704 827-3014	SEIGMAN, EDWIN LINCOLN 105 BUNN DRIVE ROCKY MOUNT 27804	DR 064 L 919 443-2044
SCHUG, JOHN BUTLER 3535 RANDOLPH ROAD, SUITE 105 CHARLOTTE 28211	OBG 060 A AC 704 364-1041	SCOTT, JOHN LAYNE 2803 LAKE FOREST DR. GREENSBORO 27408	DR /NM 041 A AC 919 855-8972	SEIGNIOUS, DAVID WAYNE 1117 WOODHAVEN DR. CHARLESTON, SC 29407	IM 065 A R
SCHULHOF, LARY ALAN 7 MCDOWELL STREET ASHEVILLE 28801	NS 011 A AC 704 255-7776	SCOTT, LEGRAND THURMAN, JR. 1102 CAROLINA DRIVE ROCKINGHAM 28379	FP 077 AC 919 895-9901	SEITTER, DELLMER B., III 201 PINERIDGE DR. GREENVILLE 27834	074 A S 919 551-3384
SCHULTEN, HERBERT JOHN 912 SECOND ST. NE HICKORY 28601	ORS 018 A AC 704 324-2800	SCOTT, LINCOLN BAIN UNC STUDENT HEALTH SERVICE CHAPEL HILL 27514	ADL 032 AC	SELF, JERRY LEE PO BOX 886 217 W. SECOND ST. RUTHERFORDTON 28139	DR 081 A AC 704 287-2984
SCHULTZ, JOHN LOESCH 3155 MAPLEWOOD AVENUE WINSTON-SALEM 27103	DR /NM 034 A AC 919 760-5948	SCOTT, ROBERT BAIRD 132-A W. MILLER STREET ASHEBORO 27203	FP 076 A AC 919 625-1360	SELLE, JAY GREGORY 1960 RANDOLPH ROAD CHARLOTTE 28207	TS /CDS 060 A AC 704 373-1500
SCHUMACHER, DONALD 335 N. CASWELL ROAD CHARLOTTE 28204	IM 060 A AC 704 376-4852	SCOTT, SAMUEL EDWIN ROUTE #2, BOX 159 BURLINGTON 27215	FP 001 A AC 919 421-3247	SELLERS, BOBBY EUGENE 3900 BROWNING PLACE RALEIGH 27609	P 092 AC 919 787-7125
SCHUMACK, EDWARD JAMES PO BOX 16125 RALEIGH 27610	P/FP 092 A P AC 919 839-8570	SCOTT, STEVEN MARTIN 3711 STONEYBROOK DR. DURHAM 27705	OBG /EM 032 A AC 919 383-0355	SELLERS, FRANK BARKLEY PO BOX 1606 CONCORD 27026	ORS 013 A AC 704 788-3155
SCHUPBACH, CURTIS WAYNE 1350 S. KINGS DRIVE CHARLOTTE 28207	D 060 AC 704 372-8750	SCOVIL, JAMES A., JR. 4021 BARRETT DR. RALEIGH 27609	CD /IM 092 A P AC 919 782-1550	SELLERS, PHILLIP ALAN 510 7TH AVENUE, WEST HENDERSONVILLE 28739	IM 045 A AC 704 692-2231
SCHURTER, LONIS LEON 505 NORTHWOOD CIRCLE GARNER 27529	LM 092 A RT 919 772-3363	SCUDERI, PHILLIP EDWARD 1728 BUENA VISTA RD. WINSTON-SALEM 27104	AN 034 A AC 919 773-3180	SELMAN, RICHARD DAVID HIGHLAND HOSPITAL P. O. BOX 1101 ASHEVILLE 28802	P 011 A AC 704 254-3201
SCHUSTER, STEPHEN BARBER 1816 PEMBROKE RD., STE. #2 GREENSBORO 27408	AN 041 A AC 919 272-3720	SCULLY, KEVIN SLEAN 1616 MEDICAL CENTER DR. WILMINGTON 28401	ORS 065 A AC 919 762-2655	SELTZER, STEPHEN CHARLES 320 YADKIN STREET ALBEMARLE 28001	FP 084 A AC 704 982-9144
SCHUTTE, HAROLD DELANO 53 S. FRENCH BROAD AVE. ASHEVILLE 28801	PD 011 A AC 704 258-0969	SEAGLE, LEE MARCUS, JR. 133 FIRST AVENUE, S.E. HICKORY 28601	IM 011 A AC 704 322-5915	SEMAN, JAMES HUSTEAD DUKE UNIV. MED. CTR. DURHAM 27710	U 032 A L 919 684-2744
SCHWARTZ, EARL 3465 DIXIANA LANE PFAFFTOWN 27040	EM 034 A AC 919 748-4625	SEALS, DANIEL HILTON 9 BOTANY VIEW COURT ASHEVILLE 28805	IM 011 A AC 704 298-3907	SENAY, BRUCE ALAN KINSTON CLINIC NORTH KINSTON 28501	U 054 A AC 919 527-3043
SCHWARTZ, JARED NAPHTALI P. O. BOX 33549 CHARLOTTE 28233	PTH 060 A AC 704 371-4814	SEALY, WILL CAMP 777 HEMLOCK ST., BOX 6000 MACON, GA 31208	TS /CDS 032 A L 912 744-1000	SENIOR, ROBERT JOSEPH 500 EASTOWNE DR., SUITE 201 CHAPEL HILL 27514	ADL 032 AC 919 929-3471
SCHWARTZ, ROBERT PAUL CHARLOTTE MEM. HOSP. P. O. BOX 32861 CHARLOTTE 28232	PD /PDE 060 A AC 704 338-3156	SEARS, VICTOR W., JR. 206 OAKWOOD CT. WINSTON-SALEM 27103	034 A S 919 760-1643	SENER, RICHARD GORDON 1350 KINGS DRIVE CHARLOTTE 28207	RHU /IM 060 A AC 704 372-8750
SCHWARTZBERG, MARC SCOTT 6-A ESTES PARK APTS. CARRBORO 27510	032 A S 919 967-8034	SEATON, KAREN GIPSON 59 POLKS LANDING CHAPEL HILL 27514	IM /END 032 A S 919 933-9515	SENER, WILLIAM JEFFRESS 704 W. JONES STREET RALEIGH 27603	IM 092 A AC 919 832-5125
SCHWARZ, RONALD PAUL 3521 HAWORTH DR. RALEIGH 27609	GE /IM 092 AC 919 782-1806	SEAY, HILLIS LEDBETTER PO BOX 528 HUNTERSVILLE 28078	GP 060 A L 704 875-6946	SERAFIN, DONALD DUMC-PLASTIC SURGERY DURHAM 27710	PS /GS 032 A AC 919 684-3347
SCHWEIZER, DONALD CONRAD 1517 N. CHURCH ST. GREENSBORO 27405	GYN 041 A AC 919 379-8460	SECREST, ALVIN JACKSON, JR. 1001 N. WASHINGTON STREET SHELBY 28150	OPH 050 A P AC 704 586-2120	SERENE, JAMES WILLIAM 141 N. KELLY STREET STATESVILLE 28677	ORS 049 A P AC 704 872-7492
SCHWILM, ARLEN LEE 3535 RANDOLPH ROAD, SUITE 101 CHARLOTTE 28211	D 060 A AC 704 364-6110	SEDDON, JENNIFER LYNN RT. 4, BOX 630 DUNN 28834	U 023 A AC 919 892-2103	SERENE, MARY BRUCE MCKENZIE 141 N. KELLY STREET STATESVILLE 28677	AN 049 A P AC 704 873-5661
SCHWINN, DEBRA ANNE BOX 3094, DUMC DURHAM 27710	AN 032 A R 919 493-3168	SEDDON, JOHN MICHAEL 714 TILGHMAN DR. DUNN 28334	FP 043 A AC 919 892-1068	SERFAS, DAVID HILL 14 MCDOWELL ST. ASHEVILLE 28801	CD 011 AC 704 254-8054
SCHYMIK, LINDA GLAUBITZ 6913 HUNTFIELD DR. MATTHEWS 28105	PTH 060 A AC 704 362-0448	SEDWITZ, JOSEPH LEE 231 HOSPITAL ROAD ZEBULON 27597	GS /GYN 092 A AC 919 269-9310	SERVOSS, RONALD LEE P. O. BOX 984 SYLVA 28779	AN 050 AC 704 586-8941
SCOTT, ALAN FULTON P. O. BOX 63 SALISBURY 28144	FP 080 A AC 704 636-5431	SEEAR, TORBEN 938 PARAMOUNT CIRCLE GASTONIA 28052	GYN 036 A L/RT 704 864-7935	SERVOSS, SUE ANNE BOYNTON P. O. BOX 984 SYLVA 28779	FP /PH 050 AC 704 586-4083

SESSIONS, JOHN TURNER, JR. UNC, 324 CLINICAL SCI. 229-H CHAPEL HILL 27514	GE /IM 032 A AC 919 966-2511	SHAPIRO, WILLIAM HARTMAN NORRIS-BIGGS CLINIC RUTHERFORDTON 28139	IM /CD 081 AC 704 286-9036	SHEPARD, CLAUDIA PRICHARD 1406 JARVIS ST. WINSTON-SALEM 27101	034 A S 919 722-8253
SESSIONS, RICK PAUL 210 WESTBROOK DR. CARRBORO 27510	032 A S 919 933-5880	SHAPPLEY, BEN GORDON 1800 W. FIFTH STREET GREENVILLE 27834	PD 074 AC 919 752-7141	SHEPHERD, ROBERT EDWARD P. O. BOX 13005 GREENSBORO 27405	DR 041 A AC 919 273-0325
SESSOMS, RODNEY KEVIN 1016 B WESTOVER DRIVE GREENVILLE 27834	S 919 830-1453	SHARMA, DEVENDRA P. O. BOX 1690 SMITHFIELD 27577	IM 051 A AC 919 934-5568	SHEREFF, RICHARD HENRY 139 HUNTER CIRCLE FAYETTEVILLE 28304	D/A 026 A P AC 919 323-4888
SETHI, SHASHI K. 111 W. WENDOVER AVE. GREENSBORO 27401	OPH 041 A AC 919 275-5673	SHARPLESS, EDWARD ARTHUR DRAWER X-3 GREENSBORO 27402	PTH 041 A AC 919 299-6815	SHERIDAN, ROBERT JOHN 101 NASH MEDICAL ARTS MALL ROCKY MOUNT 27804	PD 064 AC 919 443-8820
SEVERN, HENRY DOELLER 4 PINE TREE RD. ASHEVILLE 28804	ORS 011 A L/RT 704 252-9948	SHARPLESS, ELIZABETH P. 207 CONNER DR. APT. 23 CHAPEL HILL 27514	032 A S 919 967-6791	SHERMER, RICHARD WAYNE UNC, DEPT. OF PATHOLOGY BRINKHOUS-BULLITT BLDG. 228H CHAPEL HILL 27514	PTH 032 A AC 919 966-2339
SEVIER, ROBERT ENGLISH 200 E. NORTHWOOD ST., STE. 312 GREENSBORO 27401	END /IM 041 A AC 919 274-7609	SHARPLESS, MARTHA KORNEGAY MOSES CONE HOSPITAL GREENSBORO 27401	PD 041 A AC 919 379-4064	SHERRILL, GARY BRADLEY 200 GREEN ST. CHALET APTS. APT. K CHAPEL HILL 27514	032 A S 919 929-2435
SHACKELFORD, ERNEST D., JR. P. O. BOX 427 ASHEBORO 27204	DR /NM 076 AC 919 629-0774	SHARPTON, BENNIE REEVES 1600 N. MAIN STREET WAYNESVILLE 28786	GS 044 A AC 704 456-8633	SHERRILL, WILLIAM C., JR. 1896 REMOUNT RD. GASTONIA 28054	IM /PUD 036 A AC 704 867-0735
SHACKELFORD, JOSEPH ROY, III 210 S. CAMERON ST. HILLSBOROUGH 27278	FP 032 AC 919 732-9311	SHASTRY, CHANDRASHEKARA 607 E. GARRISON BLVD. GASTONIA 28054	IM /END 036 AC 704 866-4607	SHERINGTON, BRIAN THOMAS 195 W. ILLINOIS AVE. SOUTHERN PINES 28387	PD 063 A AC 919 692-2444
SHACKELFORD, ROBERT HILLIARD 238 SMITH CHAPEL ROAD MOUNT OLIVE 28365	FP 096 A P AC 919 658-4954	SHAVENDER, EUGENE FRANK 1830 HILLDALE ROAD DURHAM 27705	GYN 032 A AC 919 383-5531	SHETTERLY, ROGER DAVIS 1027-B FLEMING STREET HENDERSONVILLE 28739	OPH 045 A AC 704 693-4161
SHAHER, DONALD THORNTON 5 MONMOUTH COURT GREENSBORO 27410	AN 041 A P AC 919 373-8555	SHAW, EDWARD FRANKLIN, JR. 1851 E. THIRD STREET CHARLOTTE 28204	OT 060 A AC 704 376-8436	SHICK, JAFAR MO 7321 GRIST MILL RD. RALEIGH 27609	AN 092 A AC 919 755-8000
SHAHER, FRANK TYACK P. O. BOX 2129 SALISBURY 28144	IM 080 A AC 704 636-1826	SHAW, DALE RUSSELL P. O. BOX 19366 RALEIGH 27619	DR 092 A AC 919 787-8199	SHIEH, RICHARD CHEN HAI HOSPITAL DR. PO BOX 398 ELIZABETHTOWN 28337	R 009 AC 919 862-4043
SHAHER, IRVING EVERETT, JR. P. O. BOX 588 STATESVILLE 28677	R 049 A AC 704 873-5661	SHAW, FRANK STEDMAN P. O. BOX 53127 FAYETTEVILLE 28305	PD /PDA 026 A AC 919 484-3121	SHIELDS, CHARLES ROBERT PO BOX 15025 ASHEVILLE 28813	PD 011 A AC 704 274-2400
SHAFFNER, LOUIS DES 740 N. PINE VALLEY ROAD WINSTON-SALEM 27106	PDS /GS 034 A P L/RT 919 725-1503	SHAW, JOHN ALEXANDER 5948 BRAGG BOULEVARD DECEASED - 3-23-87 FAYETTEVILLE 28305	PD 026 A L 919 484-3121	SHIELDS, MILTON BRUCE DUKE UNIVERSITY EYE CENTER DURHAM 27710	OPH 032 A AC 919 684-2841
SHAFFNER, SUSAN CASPER 127 HILLSIDE AVE. CHARLOTTE 28209	PD 060 A P R 704 332-7539	SHAW, LLOYD ROOSEVELT 222 N. OAK STREET STATESVILLE 28677	GYN 049 A L/RT 704 873-9642	SHIMM, CYNIA BROWN 2609 N. DUKE ST. STE. 103 DURHAM 27704	P/PYA 032 A AC 919 471-3487
SHAH-KHAN, SARDAR MAHMOOD 303 COLLEGE STREET MORGANTON 28655	IM /CD 012 A P AC 704 437-4261	SHAW, ROBERT ARNETT 1705 W. SIXTH STREET GREENVILLE 27834	PUD /IM 074 AC 919 752-6101	SHINGLETON, WILLIAM WARNER BOX 3814, DUMC DURHAM 27710	GS 032 A AC 919 684-2282
SHAH, JYOTSNA RAMESH 116 ROBERT E. LEE DRIVE WILMINGTON 28403	AN 065 AC 919 763-4901	SHEALY, FRED GRAY, JR. 561 FLEMING STREET HENDERSONVILLE 28739	GS /VS 045 AC 704 693-1778	SHINN, GEORGE CLYDE 111 N. MAIN STREET CHINA GROVE 28023	GP 080 A L 704 857-7098
SHAH, PRIYAVADAN MANEKLAL 121 EDINBURGH ST. #208 CARY 27511	CD /IM 092 A AC 919 469-9919	SHEALY, RONALD BERNARD 175 CHARLOIS BLVD., STE. 101 WINSTON-SALEM 27103	OTO 034 A AC 919 768-3361	SHIREY, JOHN LUTHER NEW LEICESTER HIGHWAY RT. #4, BOX 1525 ASHEVILLE 28806	PS 060 AC 704 683-2360
SHAH, RAMESH MANHARLAL 116 ROBERT E. LEE DRIVE WILMINGTON 28401	OBG 065 AC 919 791-2301	SHEARER, JAMES NEIL 2711 RANDOLPH ROAD, STE. 502 CHARLOTTE 28207	PS 060 AC 704 372-8800	SHIRLEY, ROBERT E.L., JR. 1955 RANDOLPH ROAD CHARLOTTE 28207	PS /GS 034 AC 704 376-3536
SHAHUDY, EDWARD JOHN UNC, TRAILER 15.269H, DPT. FAM MD CHAPEL HILL 27514	FP 032 AC 919 966-3714	SHEARIN, JACOB CONNELL, JR. 208 FORSYTH MEDICAL PARK 1900 S. HAWTHORNE RD. WINSTON-SALEM 27103	PS 034 AC 919 748-4171	SHIVE, ROBERT MACGREGOR 1937 SELWYN AVENUE CHARLOTTE 28207	U 065 A AC 704 375-7717
SHAHUDY, GERTRUDE KOCH 112-A W. POPLAR AVE. CARRBORO 27510	032 A S 919 942-2077	SHEARIN, WILBURN THADDEUS, JR. 1905 GLEN MEADE ROAD WILMINGTON 28403	065 A AC 919 763-6251	SHIVERS, JAMES ALLISON STE. 301, 445 BILTMORE CENTER ASHEVILLE 28801	OPH 092 AC 704 254-2371
SHAIA, WILLIAM HARRY 2125 BERRYHILL ROAD CHARLOTTE 28208	FP 060 AC 704 375-3217	SHEARS, DOUGLAS DEAN TRYON RD., PO BOX 1208 RUTHERFORDTON 28139	OBG 081 A AC 704 287-7383	SHOAF, EDWIN HUSS, JR. 491 N. WENDOVER RD. CHARLOTTE 28211	IM 060 AC 704 366-7291
SHALOM, ROSE UNC, BLDG. 469-H CHAPEL HILL 27514	IM /NEP 032 AC 919 966-2281	SHELBURNE, JOHN DANIEL BOX 3712, DUMC DURHAM 27710	PTH 032 AC 919 286-6925	SHOOK, EARL LESTER, JR. 100 VICTORIA ROAD ASHEVILLE 28801	032 A AC 704 254-8883
SHAMBLIN, WILLIAM JOSEPH, JR. HIGHLAND HOSPITAL P. O. BOX 1101 ASHEVILLE 28802	CHP /P 011 A AC 704 254-3201	SHELBURNE, PALMER FRIEND 1011 PROFESSIONAL VILLAGE GREENSBORO 27401	CD 041 A AC 919 272-6133	SHORT, EARL DEGREY, JR., 501 BILLINGSLEY RD. CHARLOTTE 28211	U 034 AC 919 765-4021
SHANKER, KASTURI GIRIJA 117 WEST SEVENTH STREET ROANOKE RAPIDS 27870	U 042 P AC 919 537-0023	SHELDON, FRANK CHADWICK BEAUFORT COUNTY HOSPITAL EAST 12TH STREET WASHINGTON 27889	EM /GS 007 AC 919 946-1911	SHUFORD, FULLER ADAMS 49 MCDOWELL ST. ASHEVILLE 28801	GE /IM 011 A AC 704 258-3870
SHANNON, WILLIAM BARTHOLOMEW 1061 X-RAY DR. GASTONIA 28054	OPH 036 A AC 704 861-8557	SHELDON, GEORGE FRANK UNC, 131 BURNETT-WOMACK CHAPEL HILL 27514	GS /TRS 032 A AC 919 966-4052	SHUFORD, WILLIAM FERRELL, JR. 1515 DOCTOR'S CIRCLE WILMINGTON 28401	FP 026 A P AC 919 763-5182
SHANNON, WILLIAM GARY ROUTE #8, BOX 315 SALISBURY 28144	AN 080 A AC 704 637-3599	SHERPARD, ARTHUR JAMES, III 130-N EAST LONGVIEW CHAPEL HILL 27514	032 A S 919 942-2342	SHUGART, MARGARET ANN 1713 AVONDALE DR. DURHAM 27701	P 032 A R 919 688-9003
SHAPIRO, DANIEL ALLEN 329 TRAILS END ROAD, #4 WILMINGTON 28403	AN 065 A AC 919 343-7000				
SHAPIRO, MARK THOMAS 1311 N. ELM ST. GREENSBORO 27401	OPH 041 AC 919 378-9993				

SHULER, JIMMIE BLAKE 518 EAST H STREET PO BOX 687 ERWIN 28339	PD 043 AC 919 897-8061	SIMON, JIMMY L. BOWMAN GRAY, DEPT. OF PED. WINSTON-SALEM 27103	PD 034 AC 919 748-4431	SKRZYNSKI, MARY CLAIRE 140 RIDGE TR. CHAPEL HILL 27514	032 A S 919 929-4113
SHULL, KENNETH CASTLES P. O. BOX 5229 HIGH POINT 27262	GS/CDS 040 A AC 919 887-3164	SIMONS, WILLIAM JOHN 9 W. AVON PARKWAY ASHEVILLE 28804	011 R 704 258-9635	SLATE, FRANCIS WESLEY P. O. BOX 407 MOCKSVILLE 27028	GS 034 A AC 704 634-6121
SHULL, LONNIE NEWELL, JR. 401 MULBERRY ST. SW, STE. 101 LENOIR 28645	GS 014 A AC 704 758-5501	SIMONSON, DELLA SUE MURDOCH CENTER BUTNER 27509	PD/PH 039 A AC 919 575-7740	SLATE, MARVIN LONGWORTH 807 PARKWOOD CIRCLE HIGH POINT 27260	FP 040 A L/RT 919 883-9756
SHULTZ, KIRKWOOD TANNER 125 BALDWIN AVE. CHARLOTTE 28204	IM/END 060 A AC 704 374-1696	SIMONTON, CHARLES ALISON BOX 3310, DUMC DURHAM 27710	IM/CD 032 AC 919 681-6498	SLATER, PATRICK W., II ROUTE #1, BOX 379 PRINCETON 27569	074 A S 919 965-2864
SHUMWAY, DAVID LUCIUS 112 CANDLEWOOD ROAD ROCKY MOUNT 27804	EM 064 A AC 919 937-6581	SIMPSON, EUGENE MYERS, JR. 250 CHARLOIS BOULEVARD WINSTON-SALEM 27103	PD 034 AC 919 768-4730	SLAUGHTER, THOMAS FREEMAN 3443-M N. DRUID HILLS RD. DECATUR, GA 30033	032 A S
SHUPING, JOHN ROSS 425 STANTONSURG ROAD GREENVILLE 27834	N 074 A AC 919 752-4848	SIMPSON, JOHN LARRY 132-A W. MILLER STREET ASHEBORO 27203	FP 076 A AC 919 625-1360	SLEDGE, JOHN BURTON, JR. P. O. BOX 610 KILL DEVIL HILLS 27948	PH 070 A AC 919 441-6182
SIDES, EVIN HENDERSON, III 3320 EXECUTIVE DR. RALEIGH 27609	IM/ID 092 AC 919 876-9688	SIMS, WILLIAM LEONARD 420 N. CENTER ST. HICKORY 28601	NS 018 A P AC 704 324-9609	SLEMP, CATHERINE C. 869 LOUISE CIRCLE DURHAM 27705	032 A S 919 383-8354
SIEFKER, JOSEPH DANIEL 1605 EDGEVALE RD. DURHAM 27705	OTO 032 A R 919 688-1816	SIMSTEIN, NEIL LELAND 3309-B HEALY DR. WINSTON-SALEM 27103	GS/CDS 034 A 919 768-7500	SLIWINSKI, STANLEY FRANCIS, JR. P. O. BOX 1460 STATESVILLE 28677	OPH 049 AC 704 878-2011
SIEGE, ALFRED GEOFFREY PO BOX 786 PINEHURST 28374	PH/GPM 063 A * L/RT 919 692-8899	SINAR, DENNIS ROBERT ECU-DEPT. OF GE GREENVILLE 27834	GE/IM 074 A AC 919 551-4652	SLOAN, ALLEN BARRY 5150 SHARON RD. APT. 554 CHARLOTTE 28210	GP 049 A L/RT 704 553-1670
SIEKER, HERBERT OTTO BOX 3822, DUMC DURHAM 27710	IM/A 032 A P AC 919 684-3907	SINCLAIR, LOUIS GORDON 3309 WHITE OAK ROAD RALEIGH 27609	GS/GYN 092 A L/RT 919 787-9356	SLOAN, DAVID BRYAN, JR. 1915 GLEN MEADE ROAD WILMINGTON 28403	OPH 065 A AC 919 763-3601
SIEWERS, CHRISTIAN FOGLE S.E. REGIONAL REHAB. P. O. BOX 2000 FAYETTEVILLE 28302	ORS/PM 026 A AC 919 323-6036	SINCLAIR, ROBEY THOMAS, JR. 5301 WRIGHTSVILLE AVENUE WILMINGTON 28401	DR 065 A L/RT 919 395-8100	SLOAN, JAMES BOYKIN 1915 GLEN MEADE ROAD WILMINGTON 28401	OPH 065 A P * AC 919 763-3601
SIGMON, JAMES LEWIS, JR. P. O. BOX 32861 CHARLOTTE 28232	FP 060 A AC 704 338-3172	SINCOX, FRANCIS JOHN, JR. PO BOX 1309 KINGS MOUNTAIN 28086	FP 023 A AC 704 739-3681	SLOAN, JAMES MARSHALL, III 942 TUNNEL ROAD ASHEVILLE 28805	FP 011 A AC 704 298-7972
SIGMON, LEE MERRELL 121 TIMBER CREEK ROAD HENDERSOINVILLE 28739	PTH/DMP 045 A AC 704 693-6522	SINGER, JAMES DANIEL DD6 OLD WELL CONDOS CARRBORO 27510	032 S 919 968-4482	SLOOP, NORMAN RAY 310 STATESVILLE BOULEVARD SALISBURY 28144	GP 080 A AC 704 636-5326
SIGMON, RICHARD LEE, JR. 1900 RANDOLPH RD., STE. 910 CHARLOTTE 28207	GE 060 A AC 704 372-7974	SINGER, JAMES WILLARD 1209 MAGNOLIA STREET GREENSBORO 27401	PD 041 A AC 919 274-0106	SLOOP, ROBERT F., JR. WILSON CLINIC WILSON 27893	OPH 098 A AC 919 291-7008
SIKES, THOMAS EDWARD, JR. 109 COUNTRY CLUB DR., NE CONCORD 28025	ORS 013 A AC 704 786-5122	SINGER, LAWRENCE ROBERT 250 CHARLOIS BOULEVARD WINSTON-SALEM 27103	OBG 034 A AC 919 768-4730	SLOTKIN, ROBERT IRVING 2317 RANDOLPH ROAD CHARLOTTE 28207	PD 060 A AC 704 376-5572
SILBER, DAVID LAWRENCE 1200 N. ELM STREET GREENSBORO 27401	PD 041 A * AC 919 379-4064	SINGH, MANMOHAN 713 NORTH ST. PO BOX 1196 SMITHFIELD 27577	GS 051 AC 919 934-2616	SLOTNICK, LAWRENCE SHELDON 1018 N. ELM STREET GREENSBORO 27401	PUD/A 041 A AC 919 275-7238
SILBERMAN, HAROLD REITER BOX 3975-M, DUMC DURHAM 27710	EM/IM 032 A AC 919 684-5537	SINGH, RANBIR 542 WHITE OAK STREET ASHEBORO 27203	ORS 076 A * AC 919 629-4171	SLUDER, FLETCHER SUMPTER 472 CHUNN'S COVE ROAD ASHEVILLE 28805	OBG 011 A L/RT 704 252-7374
SILBINGER, STEPHEN ALAN III FAIRVIEW PLAZA, STE. 100 5950 FAIRVIEW RD. CHARLOTTE 28210	IM 060 AC 704 551-4200	SINGLETERY, HENRY PATE 2131 S. 17TH ST. WILMINGTON 28401	PTH 065 A P AC 919 343-7074	SLUSHER, M. MADISON 300 S. HAWTHORNE RD. WINSTON-SALEM 27103	OPH 034 A AC 919 748-4091
SILLMON, DAVID WILDE 1511 WESTOVER TERRACE GREENSBORO 27408	IM/HEM 041 A AC 919 373-0611	SINGLETERY, WILLIAM VANCE 306 S. GREGSON STREET DURHAM 27701	IM 032 L/RT 919 682-5561	SLYMAN, JAMES FRANCIS 2 HOSPITAL DR. LEXINGTON 27292	OPH 029 A P * AC 704 243-2436
SILVERMAN, JAN FRANKLIN BRODY, 1F79, ECU SCH. OF MED GREENVILLE 27834	PTH 074 A AC 919 551-4495	SINGLETERY, WILLIAM VANCE, JR. 306 S. GREGSON STREET DURHAM 27701	GE 032 A AC 919 682-5561	SMALES, WILLIAM PALMER STUDENT BOX 411, BOWMAN GRAY 300 S. HAWTHORNE RD. WINSTON-SALEM 27103	034 A S 919 351-4144
SILVERTHORNE, RAY GUILFORD RT. #2, BOX 35 WASHINGTON 27889	OBG 007 A L/RT 919 946-5168	SINNING, MARK ALAN 800 HOSPITAL DR. NEW BERN 28560	TS/CDS 025 A AC 919 638-8118	SMALL, FAIRLEIGH DAVID 3605 SHEFFIELD DR. ROCKY MOUNT 27803	EM 064 A P AC 919 443-8171
SILVOY, EDWARD JOHN 1010 X-RAY DR. GASTONIA 28054	OTO/PS 036 A AC 704 865-7677	SINTHUSEK, CHIRAPA 1200 TARTAN CT. WINSTON-SALEM 27106	IM/END 034 A P * AC 919 725-4741	SMALL, KENT WILSON 3775 GUESS ROAD #23 DURHAM 27705	OPH 032 A R 919 684-6611
SIMEL, PAUL JOSEPH 111 W. WENDOVER AVENUE GREENSBORO 27401	OPH 041 A * AC 919 275-5673	SIPPE, JOSEPH LAWRENCE 1350 S. KINGS DRIVE CHARLOTTE 28207	OPH 060 * AC 704 372-8750	SMALLEY, ROBERT ROWAN 5305-F WRIGHTSVILLE AVENUE WILMINGTON 28403	GS 065 A AC 919 799-5400
SIMMONS, CHARLES NUMA P. O. BOX 271 RUTHERFORD COLLEGE 28671	R 012 A AC 704 879-9541	SIRISENA, OMATTA MUDALIGE 117 FOY DRIVE ROCKY MOUNT 27801	IM/P 064 AC 919 443-7678	SMALLWOOD, JAMES CLAYTON 10 EASTGATE CENTER SYLVA 28779	OBG/IM 050 A AC 704 586-2135
SIMMONS, EVERETT CASEY ECU, DEPT. OF PSYCHIATRY GREENVILLE 27858	P 074 A AC 919 551-2660	SISCOVICK, DAVID STUART UNC, DEPT. OF MEDICINE BOX 2,5039 OLD CLI.BLDG.226-H CHAPEL HILL 27514	IM/PH 032 AC 919 966-2276	SMALTO, GARY PAUL 401 S. SUNSET DR. WINSTON-SALEM 27103	034 A S 919 724-9744
SIMMONS, JAMES SLATER P. O. BOX 850 SANFORD 27330	FP 053 A L/RT 919 775-7425	SIVA, SIVALINGAM 900 COX ROAD GASTONIA 28054	NS 036 A P AC 704 865-7655	SMEDBERG, GEORGE ANDREW 517 CIRCLE DR. DECEASED - 4-10-87	GS 001 AC 919 228-7853
SIMMONS, JIMMIE DALE SURREY COUNTY HEALTH DEPT. PO BOX 1062 DOBSON 27017	PH/FP 086 * AC 919 374-2131	SIY-HIAN, BIENVENIDO CHAN 603 BEAMAN STREET CLINTON 28328	IM/CD 082 AC 919 592-1545	SMELZER, TIMOTHY HARVEY 891 W. WILLOW DRIVE CHAPEL HILL 27514	IM/PUD 032 AC 919 942-5123
		SKOWRONEK, DAVID GORDON 11 SPICEWOOD LANE SALISBURY 28144	EM/ORS 080 A P AC 704 638-1035	SMERASKI, PHILIP JOHN ECU SCH. MED-DEPT. OF PSY. BRODY 4E98 GREENVILLE 27858	P 074 A AC 919 551-2660

SMETHIE, WILLIAM MASSIE, SR. P. O. BOX 309 WADESBORO 28170	GS 004 A L/RT 704 694-2316	SMITH, JAY LELAND, JR. P. O. BOX 85 SPENCER 28159	GP 080 * AC 704 636-8046	SMOLOWITZ, EDWIN LARRY 735 6TH AVE. WEST HENDERSONVILLE 28739	U 045 A P AC 704 697-0527
SMITH, ALLEN DALE 182 MONTROSE DURHAM 27707	D/AM 032 A L/RT 919 489-2642	SMITH, JERRY EDWARD PO BOX 2000 PINEHURST SURGICAL CLINIC PINEHURST 28374	OBG 063 A AC 919 295-0282	SNEDEKER, JEFFREY DAVID BOX 31085, DUMC DURHAM 27710	PD /ID 032 R 919 684-6610
SMITH, BARBARA ANNE 607-B S. HAWTHORNE RD. WINSTON-SALEM 27103	A S 919 723-7041	SMITH, JOHN BALDWIN, III 160 CHARLOIS BLVD. WINSTON-SALEM 27103	N/CHN 034 A AC 919 768-5834	SNIPES, RICHARD DEAN P. O. BOX 53514 FAYETTEVILLE 28305	OBS 026 A AC 919 485-1191
SMITH, BERNARD MICHAEL VANCE MEDICAL ARTS BLDG. RUIN CREEK ROAD HENDERSON 27536	VS/GS 091 A AC 919 438-2070	SMITH, JOHN BRASWELL, JR. 403 FAIRVIEW STREET CLINTON 28328	FP 082 AC 919 592-6011	SNITZ, ARNOLD IRA 2711 RANDOLPH ROAD CHARLOTTE 28207	PD 060 AC 704 332-7141
SMITH, BRYAN WESLEY 302 PITTSBORO ST. CHAPEL HILL 27514	A S 919 929-7447	SMITH, JOSEPH PINKNEY 1508 S. YORK STREET GASTONIA 28052	GP 036 AC 704 864-3496	SNODDY, WILLIAM RAY 5-F DOCTOR PARK ASHEVILLE 28801	FP 011 AC 704 252-8885
SMITH, CAMERON LANGLEY 1705 W. SIXTH STREET GREENVILLE 27834	D 074 AC 919 752-4124	SMITH, LAFAYETTE LYLE 624 QUAKER LANE, SUITE 213-B HIGH POINT 27262	IM 040 A P * AC 919 883-4131	SNOW, SIDNEY LEWIS 328 MULBERRY STREET, S.W. LENOIR 28645	U 014 A AC 704 754-2166
SMITH, CHARLES GORDON 118 BEAGLE TRAIL WILMINGTON 28403	FP/EM 065 A L/RT 919 799-1873	SMITH, MICHAEL ALSON 1325 EDENFIELD DR. FT. WALTON BEACH, FL 32548	FP 000 A R 919 383-4326	SNOWHITE, JENNIFER CELESTE 1712 ELIZABETH AVE. WINSTON-SALEM 27103	A S 919 722-8712
SMITH, CHRISTOPHER EDMUND 723 EDITH ST. BURLINGTON 27215	ORS 001 AC 919 229-4256	SMITH, MICHAEL EARL ROUTE #2, BOX 93 WINTERVILLE 28590	074 A S 919 756-3960	SNYDER, ALEXANDER BENJAMIN 1420 E. FRANKLIN ST. MONROE 28110	IM 090 AC 704 289-8427
SMITH, CLAIBORNE THWEATT 100 MEDICAL ARTS MALL ROCKY MOUNT 27801	IM 064 A L 919 442-2916	SMITH, MICHAEL LEE 1412 S. CHAMBERS CIRCLE AURORA, CO 80012	PD/D 000 A R IM 034 A AC 919 748-4524	SNYDER, EDWARD SUTTON 1216 BARCROFT PLACE RALEIGH 27609	DR/NM 092 A P AC 919 847-1289
SMITH, CLAUDE ALFRED 3155 MAPLEWOOD AVENUE WINSTON-SALEM 27103	R 034 A AC 919 765-2702	SMITH, NAT ERSKINE 2900 COUNTRY CLUB ROAD WINSTON-SALEM 27104	IM 034 A AC 919 748-4524	SNYDER, JAMES WILLIAM 1515 DOCTOR'S CIRCLE WILMINGTON 28401	CD/IM 065 A AC 919 763-5182
SMITH, DALLAS AARON, JR. 4507 KENBRIDGE DRIVE GREENSBORO 27410	DR 041 A * AC 919 854-1311	SMITH, O. NORRIS 202 W. BESSEMER AVENUE GREENSBORO 27401	IM 041 A L/RT 919 273-7494	SNYDER, JOHN MICHAEL R.F.D. #3, BOX 120F WAXHAW 28173	AN 060 A AC 704 371-4049
SMITH, DAVID ALDEN 200 EASTOWNE DR. STE. 216 CHAPEL HILL 27514	FP 032 AC 919 967-4202	SMITH, PHILIP PALMER P. O. BOX 2042 WILMINGTON 28402	OM/IM 065 A * AC 919 371-4080	SNYDER, NORMAN IRWIN 1262 OLIVER ST. FAYETTEVILLE 28304	P/CHP 026 A AC 919 484-5151
SMITH, DAVID CLARK 102 WESTOVER DRIVE LEXINGTON 27292	IM 029 A L/RT 704 246-2929	SMITH, RICHARD LLOYD 30 CHOCTAW STREET ASHEVILLE 28801	GE 011 A AC 704 254-0881	SNYDER, RALPH EUGENE MEDICAL REVIEW OF NC, INC. PO BOX 37309 RALEIGH 27627	IM 063 A * AC 919 851-2955
SMITH, DAVID NIMMONS 102 MOCKSVILLE AVE., STE. 103 SALISBURY 28144	IM/CD 080 A * AC 704 636-6632	SMITH, ROBERT CLEMENT BOX 248 BANNER ELK 28604	IM 006 A AC 704 898-5588	SOBOL, TODD LOWELL 919-A BOSCASTLE CT. COLUMBUS, OHIO 43214	A S 919 752-7202
SMITH, DAVID TILLERSON GENERAL DELIVERY PAWLEYS ISLAND, S. C. 29585	PUD 004 A L PD 041 A AC 919 379-4025	SMITH, ROBERT LEE 320 ROBIN ROAD MOUNT AIRY 27030	PTH 086 A P AC 919 789-9710	SOCKWELL, SAMUEL THOMAS 209-C BRANSON ST. CHAPEL HILL 27514	A S 919 933-6668
SMITH, DONALD DEWEY 1200 N. ELM ST. GREENSBORO 27401	PD 041 A AC 919 379-4025	SMITH, ROGER ENOS 125 BALDWIN AVE. CHARLOTTE 28204	CD/IM 060 A * AC 704 374-1696	SODEN, KEVIN JOSEPH 7019 WHITEMARSH COURT CHARLOTTE 28210	OM/EM 060 A P AC 704 554-2656
SMITH, DOUGLAS GRAHAM 207 CONNER DR. #17 CHAPEL HILL 27514	032 A S 919 967-2035	SMITH, RONNIE DALE 701 E. FIFTH ST. TAMOR CITY 28463	EM/GP 024 A AC PD 041 A L/RT 919 292-2643	SODERSTROM, LAWRENCE PAUL 10230 BALMORAL CIRCLE CHARLOTTE 28210	DR/NM 036 A AC 704 864-4378
SMITH, DUANE HOWARD 1018 RIVER ROAD WILKESBORO 28697	OBG 097 A AC 704 667-8241	SMITH, ROY MEADOWS 1002 RIDGECREST DR. GREENSBORO 27410	PD 041 A L/RT 919 292-2643	SOFLEY, CARL WILSON, JR. 319 KILBOURNE RD. COLUMBIA, SC 29205	A R 803 254-5847
SMITH, ERASTUS, JR. 136-A CARBANTON RD. PO BOX 1768 SANFORD 27330	IM 053 A AC 919 775-5457	SMITH, RUSSELL LEE 1030 W. 25TH STREET WINSTON-SALEM 27104	IM/GP 034 A L/RT 919 723-2188	SOHMER, MARCUS FRANK, JR. 1901 S. HAWTHORNE RD. #310 WINSTON-SALEM 27103	GE/IM 034 A * AC 919 760-4340
SMITH, EUSTACE HENRY BOX 190 CROSSNORE 28616	FP 006 A AC 704 733-9297	SMITH, SCOTT VICTOR 3310 DEVON RD. DURHAM 27707	032 A S 919 493-2983	SOLOMON, DONALD JEFFREY 1202 MEDICAL CENTER DR. WILMINGTON 28401	N 065 A AC 919 341-3300
SMITH, EVERETT DUANE BOX 1030 CANDLER 28715	GP 011 A AC 704 667-2526	SMITH, SPENCER MARION 206 ALEXANDER ST., APT. E DURHAM 27705	032 A S 919 684-1502	SOLOMON, ROBERT DOUGLAS 113 S. BELVEDERE DR. HAMPSTEAD 28443	PTH/GER 065 A AC 919 270-2019
SMITH, HELEN ELIZABETH 3312-L CIRCLE BROOK DR. SW ROANOKE, VA 24014	032 A R 703 772-3071	SMITH, STEPHEN WAYNE 2800 BLUE RIDGE, STE. 205 RALEIGH 27607	IM/CD 092 AC 919 782-0414	SOLTYS, JOHN JOSEPH UNC. MEDICAL WING D, 208-H CHAPEL HILL 27514	P/CHP 032 AC 919 966-5277
SMITH, HENRY LOUIS, II 1700 ABBEY PLACE CHARLOTTE 28209	PD 060 A * AC 704 523-7232	SMITH, THOMAS WARREN P. O. BOX 1510 LINCOLNTON 28092	IM 055 AC 704 735-6939	SOMERS, WILLIAM ALAN 1830 HILLDALE ROAD DURHAM 27705	ORS 032 A AC 919 286-1249
SMITH, IRA Q. 2609-B CARVER ST. DURHAM 27705	OBG 032 AC 919 471-1573	SMITH, TIMOTHY CARL 1400 BROOKWOOD DR. PO BOX 7828 ROCKY MOUNT 27804	IM 064 * AC 919 937-4084	SOMERSTEIN, DAVID EUGENE 3535 RANDOLPH ROAD CHARLOTTE 28211	U 060 A AC 704 365-0371
SMITH, JAMES DAVID P-2 DOCTORS PARK GREENVILLE 27834	074 A S 919 758-7116	SMITH, WHITMAN ERSKINE, JR. P. O. BOX 1398 ALBEMARLE 28001	GS 084 AC 704 982-0161	SOMKUTI, STEPHEN GEORGE 2601 STUART DR. DURHAM 27707	A S 919 489-9434
SMITH, JAMES JEFFCOAT 1903 BROOK ROAD GREENVILLE 27834	GP 074 A RT 919 756-3905	SMITH, WILLIAM SIEGFRIED, JR. 104 W. NORTHWOOD STREET GREENSBORO 27401	GYN 041 A AC 919 378-1843	SOMMERVILLE, LEWIS CASS 1425 PATTON AVENUE ASHEVILLE 28806	FP 011 A AC 704 254-5385
SMITH, JANE SWAN 1212 CEDARHURST DR. RALEIGH 27609	IM 092 A AC 919 872-4850	SMITHWICK, JAMES DAVID ROUTE #3, BOX 238-B LAURINBURG 28352	PD 083 * AC 919 276-7570	SONEK, MOJIMIR JIRI C/O BRUSHY MOUNTAIN OB-GYN MEDICAL ARTS BLDG. NORTH WILKESBORO 28659	OBG 097 A AC 919 634-0051
SMITH, JARVIS WILTON 316 GRAHAM-HOPEDALE RD. BURLINGTON 27215	GS 001 A * AC 919 227-3621	SMOLEN, PAUL MATHIEU 1851 E. THIRD ST. CHARLOTTE 28204	PD 060 AC 704 333-6659	SONG, JULIET KIM PHYSICIAN'S QUADRANGLE GREENVILLE 27834	AN 074 A P AC 919 752-1433

SOPER, HERBERT ALVA	GYN /OBS	034	SPEROS, THOMAS LEE	FP	007	STALLWORTH, WILLIAM KING	OBG	060
1901 S. HAWTHORNE RD. STE. 320 A	AC		501 WEST 15TH STREET	AC		2711 RANDOLPH RD. #305-A	A	AC
WINSTON-SALEM 27103	919 768-1180		WASHINGTON 27889	919 975-2667		CHARLOTTE 28207	704 372-8020	
SORIANO, CLINTON REYES	CDS	034	SPICER, SAMUEL SHERMAN	EM /FP	074	STAMEY, CHARLES CLAUD	PD	034
1901 S. HAWTHORNE RD. STE. 340 A	P	AC	EMERGENCY DEPT.	A	AC	3000 BETHESDA PL. #501	AC	
WINSTON-SALEM 27103	919 765-6277		NEW HANOVER MEM. HOSPITAL			WINSTON-SALEM 27103	919 768-6830	
SORROW, JOHN MITCHELL, JR.	IM /CD	032	WILMINGTON 28401			STANDISH, MYLES		034
N. C. MEMORIAL HOSPITAL	A	AC	SPIGGLE, JOHN ALEXANDER	U	012	838 BRENT	A	S
CHAPEL HILL 27514	919 962-8336		500 E. PARKER ROAD	A	AC	WINSTON-SALEM 27103	919 725-6971	
SOTOLONGO, CARLOS A.	FP	032	MORGANTON 28655	704 433-5141		STANFORD, EDWARD JOSEPH		034
5501 FORTUNE RIDGE DR., STE. A	AC		SPIGNER, PRESCOTT BUSH, JR.	ORS	054	1935 GASTON ST.	A	S
DURHAM 27713	919 544-3737		P. O. BOX 1062	AC		WINSTON-SALEM 27103		
SOUTH, STEPHEN ALAN	IM	034	KINSTON 28501	919 522-4155		STANKUS, PAUL VICTOR	AN	032
3059-F ORDWAY DR., NW	A	S	SPIVEY, DAVID EUGENE, JR.	034		7 LITCHFORD ROAD	A P	AC
ROANOKE, VA 24017			1511 MAIN ST. SW	A	S	CHAPEL HILL 27514	919 967-5295	
SOUTHWORTH, ALVIN JUDSON	OBG	070	ROANOKE, VA. 24015	703 985-0216		STANLEY, COVIA LEVANCE	OBG	024
1134 N. ROAD STREET	AC		SPIVEY, DAVID LEE	AN	065	801-E POWELL BLVD.	A	AC
ELIZABETH CITY 27909	919 338-0887		905 RABBIT RUN RD.	AC		WHITEVILLE 28472	919 642-6022	
SOWDEN, RICHARD GUY	U	090	WILMINGTON 28403	919 762-4901		STANLEY, FRANKIE EDWARD		074
1503 E. FRANKLIN STREET	A	AC	SPIVEY, JAMES RICHARD	IM	060	2410-B E. THIRD ST.	A	S
MONROE 28110	704 289-5402		1928 RANDOLPH RD. STE. 211	AC		GREENVILLE 27834	919 752-6172	
SOX, CARL CAUGHMAN	GP	051	CHARLOTTE 28207	704 377-3439		STANLEY, RONALD JAY	D	095
P. O. BOX 429	A	L	SPOCK, ALEXANDER	PDA /A	032	204 DOCTORS DRIVE	P	AC
KENLY 27542	919 284-4149		BOX 2994, DUMC	A	AC	BOONE 28607	704 264-4553	
SPAETH, WALTER	IM	070	DURHAM 27710	919 681-3364		STANLEY, SHERBURN MOORE	OM	011
1904 RIVERSHORE ROAD	A	L/RT	SPRAGINS, JOEL FRED	GE /IM	023	ROUTE #1, BOX 5	A	L/RT
ELIZABETH CITY 27909	919 335-7389		808 N. SCHENCK STREET	A	AC	TODD 28684	704 264-4274	
SPAIN, ROBERT SPRUILL	IM	092	SHELBY 28150	704 482-1482		STANTON, ALLIE MCLEOD	GS	007
3707 OLD LASSITER MILL ROAD	AC		SPRAGUE, DAVID HUGH	AN	032	DRAWER 925	A	L/RT
RALEIGH 27609	919 782-2805		UNC-DEPT. OF ANES.	A P	AC	PLYMOUTH 27962	919 793-4125	
SPANGENTHAL, SELWYN	PUD	060	CHAPEL HILL 27514	919 966-3371		STANTON, EDWARD SPIRES	GS /TS	053
1350 S. KINGS DR.	AC		SPRINKLE, LAWRENCE TILSON	GP	011	1816 DOCTORS DR.	A	AC
CHARLOTTE 28207	704 372-8750		BOX 218, 104 N. MAIN ST.	A	AC	P. O. BOX 1169	919 775-7146	
SPANGLER, ERNEST BURTON	R	041	WEAVERVILLE 28787	704 645-3031		SANFORD 27330		
DRAWER X-3	A P	AC	SPRUILL, JEROME OSCAR	CD	041	STAPLETON, SYDNEY SCOTT	OPH	026
GREENSBORO 27402	919 854-6546		PO BOX 21974	A P	AC	101 ROBESON ST., STE. 407	A	AC
SPANGLER, THOMAS CLAYTON	ORS	032	GREENSBORO 27420	919 273-6911		FAYETTEVILLE 28301	919 483-2117	
1603 ARTHUR DR.	A	R	SPRUILL, THOMAS RAYFORD	P	032	STAREK, PETER JOSEF KARL	TS /GS	032
GRAHAM 27253	919 226-6586		RT. #5, BOX 200	A	R	UNC, DIV. OF CARDIO-SURGERY	A	AC
SPANGLER, WILLIAM WOELING	EM	000	HILLSBOROUGH 27278	919 732-7500		CHAPEL HILL 27514	919 966-3381	
SOUTH LOUISIANA MED. CTR.	A	R	SPRUNT, WM HUTCHINSON, III	R/RHU	092	STARK, THOMAS HALL	GYN	036
1978 INDUSTRIAL BLVD.			6508 BROOKHOLLOW DR.	A	AC	603 COX ROAD	AC	
HOUMA, LA 70363	504 868-8140		RALEIGH 27609	919 787-8199		GASTONIA 28054	704 866-0111	
SPARGO, JOHN PRICHARD	FP	080	SPUDIS, EDWARD VERHINES	N	034	STARLING, SUZANNE P.		074
P. O. BOX 278	A P	AC	1900 S. HAWTHORNE RD. STE. 674 A	A	AC	RT. 14, BOX 47-A	A	S
COOLEEMEE 27014	704 284-2331		WINSTON-SALEM 27103	919 765-2195		GREENVILLE 27834	919 758-0928	
SPARLING, PHILIP FREDERICK	ID /IM	032	SPURR, CHARLES LEWIS	ON /HEM	034	STARR, HENRY FRANK, JR.	OM	041
UNC SCHOOL OF MEDICINE	AC		300 S. HAWTHORNE RD.	A	L	3106 ALAMANCE RD.	A	AC
CHAPEL HILL 27514	919 966-2536		WINSTON-SALEM 27103	919 748-2946		GREENSBORO 27407	919 299-4305	
SPARROW, HARRY WARD	IM	041	SQUIRES, RAYMOND JAY	PTH	011	STAUB, ERNEST WILSON	TS /CDS	063
342 N. ELM STREET	A	AC	49 FOREST ROAD	AC		PINEHURST SURGICAL CLINIC	A P	AC
GREENSBORO 27401	919 275-8436		ASHEVILLE 28803	704 274-4664		PINEHURST 28374	919 295-0266	
SPARROW, NATHANIEL LOUIS	OTO	092	STABLER, CAREY VASTINE	EM /IM	086	STEAD, EUGENE ANSON, JR.	IM /CD	039
3010 ANDERSON DR.	A	AC	NORTHERN HOSP.-SURRY CO.	A	AC	ROUTE #1, BOX 194	A	L
PO BOX 18946			MOUNT AIRY 27030	919 789-9541		BULLOCK 27507	919 684-6587	
RALEIGH 27619	919 787-7171		STACKHOUSE, WILLIAM JAMES	IM	096	STEAGALL, ROBERT WORTH, JR.	D	060
SPAUGH, EARLE	PD /ADL	060	201 COX BLVD.	A		6434 SARDIS ROAD	A	RT
411 N. WENDOVER RD.	AC		GOLDSBORO 27530	919 734-9455		CHARLOTTE 28226	704 364-1050	
CHARLOTTE 28211	704 375-9795		STAFFORD, STEVEN JAMES	U	092	STEEL, JOHN GRIFFITH	N	074
SPEES, LYNN BEECHER	PD	018	3410 EXECUTIVE DR. STE. 201	AC		425 STANTONSBURG ROAD	A	AC
THE CHILDHEALTH CENTER	A	AC	RALEIGH 27609	919 966-2571		GREENVILLE 27834	919 752-4848	
1375 4TH ST. DR. NW			STAFFORD, WILLIE RANSOME, JR.	FP /OM	041	STEELE, RICHARD AUSTIN	IM /CD	011
HICKORY 28601	704 322-4453		948 WALKER AVENUE	A	AC	445 BILTMORE AVE. STE. 408	A	AC
SPENCER, ALLEN	GS /GYN	080	GREENSBORO 27403	919 275-7665		ASHEVILLE 28801	704 258-9083	
820 W. HENDERSON STREET	A	AC	STAHLY, WALTER REX	FP	018	STEELE, ROBERT GIBSON	ORS	080
SALISBURY 28144	704 633-2883		24 SECOND AVE., NE	AC		400 MOCKSVILLE AVENUE	A P	AC
SPENCER, FREDERICK BRUNELL, JR	IM	080	HICKORY 28601	704 328-2231		SALISBURY 28144	704 633-6442	
820 W. HENDERSON STREET	A	AC	STALHEIM, RODNEY MARTIN	IM /CD	014	STEELE, WALTER FRANKLIN	GS /TS	012
SALISBURY 28144	704 636-5016		322 MULBERRY ST., SW	A	AC	VALDESE GENERAL HOSPITAL	AC	
SPENCER, GEORGE MICHAEL		074	PO BOX 1020	704 758-5544		VALDESE 28690	704 874-3160	
3000 GOLDEN RD., CONDO #7	A	S	LENOIR 28645	GP	034	STEFFES, BRUCE CARL	GS	026
GREENVILLE 27834	919 758-5617		STALLINGS, DAVEY BINGHAM	A	AC	1790 METROMEDICAL DR.	AC	
SPENCER, JOHN PAUL	ORS	011	P. O. BOX 69	919 969-9158		FAYETTEVILLE 28304	919 323-2626	
111 VICTORIA AT OAKLAND	A	AC	RURAL HALL 27045	PD	023	STEG, BRIAN DAVID	CD /CD	018
ASHEVILLE 28801	704 252-7331		STALLINGS, MARTIN WADE	P	AC	1985 TATE BOULEVARD	AC	
SPENCER, RICHARD LEWIS	P	034	108 EDMONT DR.	704 739-2521		HICKORY 28601	704 324-4804	
3309-A HEALY DRIVE	AC		KINGS MOUNTAIN 28086	GP	035	STEGALL, JOHN THOMAS	FP	049
WINSTON-SALEM 27103	919 765-6525		STALLINGS, STEPHEN D., JR.	A	AC	310 DAVIE AVENUE	L/RT	
SPENCER, ROGER FELIX	P/PYA	032	ROUTE #2, BOX 109	919 269-8802		STATESVILLE 28677	704 873-3269	
NCMH, 201 SOUTH WING	AC		ZEBULON 27597	PD	007	STEIGER, HOWARD PAUL	D	060
CHAPEL HILL 27514	919 966-4622		STALLINGS, THOMAS FRANKLIN	GS	092	2222 SELWYN AVE.	A	L/RT
SPENCER, WILLIAM JOSEPH	IM /CD	034	608 E. 12TH STREET	919 946-4134		CHARLOTTE 28207	704 376-1523	
2933 MAPLEWOOD AVENUE	A	AC	WASHINGTON 27889	AC		STEIN, JEANNETTE FISCHER	IM	032
WINSTON-SALEM 27103	919 765-6020		STALLINGS, TOLBERT LACY	AC		1301 FAYETTEVILLE ST.	AC	
SPENGLER, JOHN ROBERT	R	045	3814 BROWNING PLACE	919 781-0710		DURHAM 27707	919 683-1316	
PARDEE MEMORIAL HOSPITAL	AC		RALEIGH 27609					
HENDERSONVILLE 28739	704 693-6522							

STEINER, MICHAEL LEE	OPH 064	STEWARD, DAVID DUBOSE	IM 026	STOPFORD, WOODHALL	OM /IM 032
3044 SUNSET AVE., STE. 100	AC	114 BROADFOOT AVE.	A AC	BOX 2914, DUMC	A AC
ROCKY MOUNT 27804	919 443-6129	FAYETTEVILLE 28305	919 484-1156	DURHAM 27710	919 684-6677
STEINFELD, JOHN ROBERT	DR 011	STEWART, DOUGLAS WAYNE	IM /NEP 018	STORCH, SAMUEL JAY	U 063
P. O. BOX 2959	AC	516 LAURELWOOD CIRCLE, SE	A AC	PO BOX 2138	AC
ASHEVILLE 28802	704 254-4617	PO BOX 1020		PINEHURST 28374	919 295-5507
STEKLOFF, SHELDON HARVEY	AN 064	LENOIR 28645	704 758-5544	STORY, LLOYD JERRELL	IM /CD 034
3741 SUNSET AVE. APT. A-1	A AC	STEWART, FRANCIS ASBURY	FP 090	HAWTHORNE MED. PL. #260	A AC
ROCKY MOUNT 27804	919 937-4284	102 E. MARSHVILLE BLVD.	A P AC	1901 S. HAWTHORNE RD.	
STEM, THEODORE B., JR.	IM /NEP 000	MARSHVILLE 28103	704 624-5889	WINSTON-SALEM 27103	919 768-4460
1506 WOODVIEW DR.	R	STEWART, GEORGE TERRY	OBG 065	STORY, STRATTON ROWLAND	OTO 051
GREENSBURG, PA 15601	412 885-5448	2215 CANTERWOOD DRIVE	AC	P. O. BOX 346	A AC
STEPHENS, FREEMAN IRBY	IM 011	WILMINGTON 28401	919 343-1031	SMITHFIELD 27577	919 934-4355
54 SUNSET PARKWAY	A L/RT	STEWART, JOHN REAGAN	OTO /OPH 049	STORY, WILLIAM AUGUSTUS	R/IM 023
ASHEVILLE 28801	704 253-8178	515 WALNUT ST.	A L	201 GROVER STREET	A P AC
STEPHENS, JAMES EDWARD	GP 020	STATESVILLE 28677	704 873-6376	SHELBY 28150	704 487-0003
P. O. BOX 516	A AC	STEWART, ROBERT DOUGLAS	IM 032	STORY, WILLIAM ROBERT	U 060
ROBBINSVILLE 28771	704 479-3392	1901 HILLANDALE ROAD	A AC	1012 KINGS DRIVE	A AC
STEPHENS, KATHRYN JOHNSON	OBG 060	DURHAM 27705	919 383-1518	CHARLOTTE 28283	704 334-6449
2230-B RANDOLPH RD.	A AC	STEWART, ROY ALLEN	OPH 018	STOUT, CHARLES WALTER	FP 076
CHARLOTTE 28207	704 338-9752	P. O. BOX 970	A L	1533 N. FAYETTEVILLE STREET	AC
STEPHENSON, ANNE ELIZABETH	034	NEWTON 28658	704 464-0982	ASHEBORO 27203	919 672-0415
725-A GALES AVE.	A S	STEWART, WILLIAM LEE	PD 063	STOUT, JAMES STEVENS	OM /EM 045
WINSTON-SALEM 27103	919 748-1783	195 W. ILLINOIS AVE.	A AC	E.I. DUPONT DENEMOURS, INC.	A AC
STEPHENSON, BENNETTE EDWARD	GP 066	SOUTHERN PINES 28387	919 692-2444	BREVARD 28712	704 885-5349
P. O. BOX 348	A L/RT	STICKEL, DELFORD LEFEW	GS 032	STOUT, ROBERT GREGORY	034
RICH SQUARE 27869	919 539-2343	BOX 3917, DUMC	A AC	415 IRVING ST.	A S
STEPHENSON, HENRY LOUIS, JR.	IM /CD 007	DURHAM 27710	919 684-6129	WINSTON-SALEM 27103	919 723-9141
615 E. 12TH STREET	AC	STIDHAM, GREGORY ALAN	FP 023	STOUT, WILLIAM ALLEN	FP 024
WASHINGTON 27889	919 946-2101	1198 WYKE RD.	A AC	P. O. BOX 675	A P AC
STEPHENSON, JOHN HADDON	032	SHELBY 28150	704 487-1148	TABOR CITY 28463	919 653-2112
130 HOMESTEAD RD.	A S	STIEFEL, JOSEPH WALTER	N 041	STOVER, JOHN OLIVER, JR.	DR /NM 064
CHAPEL HILL 27514	919 968-6454	1910 N. CHURCH ST.	A AC	P. O. BOX 42	P AC
STEPP, HESTLEY DANARD	PD 029	GREENSBORO 27405	919 273-2511	RED OAK 27868	919 443-8083
200 ARTHUR DRIVE	A AC	STILES, EDDIE PHILLIPS	FP 092	STOVER, PHILLIP E.	FP 035
THOMASVILLE 27360	919 475-2348	BOX A	AC	FRANKLIN FAMILY MEDICINE	AC
STERCHI, JOHN MICHAEL	ON /GS 034	APEX 27502	919 362-7353	519 N. BICKETT BLVD.	
300 S. HAWTHORNE RD.	A AC	STINSON, CHARLES S.	IM 049	LOUISBURG 27549	919 496-5774
WINSTON-SALEM 27103	919 748-4276	PO BOX 1460	AC	STOWE, CLEVELAND	OPH 060
STERNBERGH, W.C.A.	R 060	STATESVILLE 28677	704 878-2011	1600 E. THIRD ST.	A AC
1300 REECE RD. APT. 419	A L	STINSON, HELEN MARIE	PS 041	CHARLOTTE 28204	704 372-3300
CHARLOTTE 28209		1219 MAGNOLIA STREET	* AC	STOWE, FRED REECE, JR.	N/CHN 026
STERNER, DAVID CHARLES	GS /OBG 034	GREENSBORO 27401	919 272-3169	3314 MELROSE RD., STE. 102	AC
3487 TANGLEBROOK TR.	A S	STIRMAN, JERRY ARCHIBALD, JR.	GS /TS 092	FAYETTEVILLE 28304	919 484-7405
CLEMMONS 27012	919 766-6117	1101 DRESSER COURT	AC	STRADER, EUGENE RAY	FP 029
STEUERMAN, MARY CHRISTINE	PTH 041	RALEIGH 27609	919 876-2010	901 E. CENTER STREET	A AC
1200 N. ELM ST.	A AC	STITT, VAN JUNIUS, JR.	FP /GER 026	LEXINGTON 27292	704 249-1200
GREENSBORO 27401	919 379-4074	1601 OWEN DRIVE	A AC	STRADER, HUNTER GORDON, JR.	FP 029
STEVENS, ELLIOTT WALKER, JR.	PUD /AI 041	FAYETTEVILLE 28304	919 323-1152	2 CHERRY STREET	A AC
1018 N. ELM STREET	A AC	STOCKDALE, WAYNE HARROP	EM /GS 096	LEXINGTON 27292	704 249-9626
GREENSBORO 27401	919 275-7238	2700 WAYNE MEM. DR.	AC	STRADER, KYLE WOODROW	RHU /A 092
STEVENS, HUGH L. C.	IM /GE 044	GOLDSBORO 27530	919 736-1110	3831 MERTON DR.	A AC
1600 N. MAIN STREET	A AC	STOCKS, LEWIS HENRY, III	GS /TS 092	RALEIGH 27609	919 781-9633
WAYNESVILLE 28786	704 452-5124	1108 DRESSER COURT	AC	STRAIN, BRIAN MCCULLOUGH	GS 023
STEVENS, JAMES CONRAD	GS 011	RALEIGH 27609	919 876-2010	ROANOKE MEMORIAL HOSPITAL	A R
445 BILTMORE AVE., STE. 403	AC	STOCKS, ROSE MARY SUTTON	074	ROANOKE, VA 24014	703 951-7000
ASHEVILLE 28801	704 253-4143	406-B S. HARDING ST.	A S	STRANGE, JOHN NELSON, JR.	GS /VS 045
STEVENS, JAMES ROMER	074	GREENVILLE 27834	919 758-3686	561 FLEMING ST.	AC
3100 S. MANCHESTER #321	A R	STOKES, THOMAS ANGIER, JR.	GYN 032	HENDERSONVILLE 28739	704 693-1778
FALLS CHURCH, VA 22044	703 671-9348	2609 N. DUKE ST., STE. 102	A AC	STRATAS, BYRON ARISTOTLE	000
STEVENS, JOSEPH BLACKBURN	IM /N 041	DURHAM 27704	919 477-2183	25 25TH STREET	A R
102 IRVING PARK CT.	A L	STONE, GRADY MITCHELL	IM 040	ISLE OF PALMS, SC 29451	803 886-8740
GREENSBORO 27408	919 272-7292	624 QUAKER LANE	A AC	STRATAS, NICHOLAS EMANUEL	P/HYP 092
STEVENS, ROBERT BRUCE	AN 018	HIGH POINT 27262	919 883-4131	3900 BROWNING PL. #201	A P AC
3430 5TH ST. DRIVE, NW	A AC	STONE, HARRY BENJAMIN, III	OTO /A 025	RALEIGH 27609	919 787-7125
HICKORY 28601	704 327-7443	709 PROFESSIONAL DR.	A AC	STRATTON, IDA JANICE DEAS	PD /PH 032
STEVENS, WILLIAM ROSS	032	PO BOX 2406		414 E. MAIN ST.	AC
1707 WARD ST.	A S	NEW BERN 28560	919 638-2666	DURHAM 27701	919 682-8176
DURHAM 27707	919 496-3046	STONE, KAREN E.	FP 092	STRATTON, JAMES DAVID	OPH 060
STEVENSON, JOHN SAMUEL	R/NM 077	1974 CHANDALOR DR., APT. D	AC	5150 SHARON ROAD	A L/RT
926 BIGGS BOULEVARD	A P AC	PELHAM, AL 35124		CHARLOTTE 28210	704 554-7176
ROCKINGHAM 28379	919 997-2595	STONE, LISA MARIE	032	STRATTON, JOHN PERLEY	IM /HEM 032
STEVENSON, KARL	CHP /P 032	21 PRESTWICK PLACE	A S	2609 N. DUKE ST., STE. 304	AC
2609 N. DUKE ST., STE. 103	A AC	DURHAM 27705	919 286-2377	DURHAM 27704	919 471-8446
DURHAM 27704	919 471-3487	STONE, PERRY GALE	PD 034	STRAUSBAUCH, PAUL HENRY	PTH 074
STEVENSON, ROBERT MCL.	R 049	DALTON ROAD, P. O. BOX 426	A AC	1717 MORNINGSIDE PLACE	A AC
743 SPRINGDALE RD., EAST	A AC	KING 27021	919 983-2531	GREENVILLE 27834	919 551-2809
STATESVILLE 28677	704 872-4306	STONE, ROBERT THOMAS	OTO 098	STRAWCUTTER, HOWARD E.	U 078
STEWART, ALBERT, JR.	IM 026	1704 S. TARBORO STREET	A AC	PO BOX 1408	A S
114 BROADFOOT AVENUE	A AC	WILSON 27893	919 291-7001	LUMBERTON 28359	919 738-6441
FAYETTEVILLE 28305	919 484-3365	STONEBURNER, RICHARD GRESHAM	GS 001	STRECK, CHRISTIAN JOHN	GS 041
STEWART, ANGELA GRACE	PD 074	MEDICAL VILLAGE	AC	311 W. WENDOVER AVE.	A AC
225 PEARL DRIVE	AC	BURLINGTON 27215	919 226-0400	GREENSBORO 27408	919 275-8415
GREENVILLE 27834	919 355-3773	STONEROCK, GRACE JANINE	034	STREET, MURDO EUGENE, JR.	FP 063
STEWART, DANIEL NIVEN, JR.	FP 018	1641-E NORTHWEST BLVD.	A S	P. O. BOX 38	A L/RT
925 4TH AVE. DR. NW	A L	WINSTON-SALEM 27104	919 724-5446	GLENDON 27251	919 464-5315
HICKORY 28601	704 328-1212				

STREETER, CHARLES TRUMAN 222 WOODRIDGE DR. BELMONT 28012	FP 036 A AC 704 825-4426	SULLIVAN, DANIEL CARL BOX 3808, DUMC DURHAM 27710	R/P 032 AC 919 684-2711	SUTTON, SYLVIA PO BOX 3574 CHAPEL HILL 27515	032 A S 919 967-7288
STREETER, GREGORY DEAN 200 DOCTOR'S DR. SUITE H JACKSONVILLE 28540	FP/DIA 067 P AC 919 353-0565	SULLIVAN, DANIEL JAMES 1601 PEBBLE DR. GREENSBORO 27410	IM/OM 041 A AC 919 855-1415	SUTTON, WILLIAM WAYNE 337 N. NORWOOD STREET WALLACE 28466	FP 031 AC 919 285-2111
STRICKLAND, JAMES DONALD 97B DENISE DRIVE BURLINGTON 27215	EM 001 A AC 919 228-0768	SULLIVAN, RAYMOND C., JR. 1511 WESTOVER TERRACE GREENSBORO 27408	IM/AM 041 A AC 919 378-1461	SUVILLAGA, VICTOR IVAN 5097 EDINBORO LN. WILMINGTON 28403	FP/EM 065 A AC 919 395-6273
STRICKLAND, NIGEL JOHN 2700 MEDICAL OFFICE PLACE GOLDSBORO 27530	DR 096 A AC 919 734-1866	SULLIVAN, ROBERT JOSEPH, JR. BOX 3003, DUMC DURHAM 27710	IM/FP 032 A AC 919 684-2248	SVENSON, ROBERT HAROLD 1960 RANDOLPH ROAD CHARLOTTE 28207	CD/IM 060 A AC 704 373-1503
STRICKLAND, WILLIAM HERMAN, JR. 510 FLEMING STREET HENDERSONVILLE 28739	FP 045 AC 704 692-8410	SULLIVAN, WILLIAM GREGORY 3400 EXECUTIVE DR., STE. 104 P. O. BOX 17200 RALEIGH 27619	GS 092 A AC 919 876-2732	SWAIN, LINDIAN JOSEPH, JR. 2500 BLUE RIDGE RD., STE. 219 RALEIGH 27607	OBG 092 A AC 919 782-9005
STRIKE, WILLIAM K. 315 SUNSET DR. APT. #2 WINSTON-SALEM 27103	034 S 919 723-1491	SUMMERLIN, ARTHUR ROGERS 2800 BLUE RIDGE BLVD. #401 RALEIGH 27607	OBG 092 AC 919 781-5504	SWAN, BILL JOE 776 WILLIAMSBURG DRIVE CONCORD 28025	AN 013 A AC 704 782-7638
STRINGER, LLEWELLYN WINN 1728 S. HAWTHORNE ROAD WINSTON-SALEM 27103	PUD 034 AC 919 765-7517	SUMMERLIN, HARRY HOLLER, JR. 944 TUNNEL ROAD ASHEVILLE 28805	FP 011 A P AC 704 298-3090	SWANEY, PAUL EUGENE 1318 DAVIE AVE. STATESVILLE 28677	GS 049 AC 704 872-0182
STRINGFIELD, JAMES KING P. O. BOX 900 WAYNESVILLE 28786	FP 044 A AC 704 456-3222	SUMMERLIN, ROBERT LEE DUBLIN MEDICAL CLINIC PO BOX 10 DUBLIN 28332	FP 009 A AC 919 862-3528	SWANN, EDWIN RUSSELL 100 SUNNYBROOK RD. STE. 103 RALEIGH 27610	OPH 092 AC 919 833-8878
STROPE, GERALD LELAND UNC, 635 CLINICAL SCI. BLDG. CHAPEL HILL 27514	PD/PUD 032 AC 919 966-1055	SUMMERS, FRED DAVIDSON, JR. ROUTE #1, BOX 181 CHAPEL HILL 27514	OBG 032 A RT 919 929-2158	SWANTKOWSKI, THOMAS MARIAN 205 PAGE RD. PO BOX 519 PINEHURST 28374	IM/GE 063 A AC 919 295-5511
STROUP, T. SCOTT 108 STINSON ST. CHAPEL HILL 27514	032 S	SUMNER, BRIAN MONTGOMERY 218 CEDARWOOD LANE CARRBORO 27510	032 S 919 967-6473	SWANNEY, MARGARET CATHERINE P. O. BOX 1089 CLINTON 28328	PTH 082 A P AC 919 592-8511
STROUPE, ALBERTUS ULA, JR. 157 OAKLAND STREET MOUNT HOLLY 28120	GP 036 A L/RT 704 827-4863	SUMNER, ROBERT GRIST 68 LAKE CONCORD ROAD, N.E. CONCORD 28025	IM/CD 013 A AC 704 782-3135	SWEENEY, CHARLES LESLIE, JR. P. O. BOX 17263 RALEIGH 27619	FP 092 AC 919 787-5211
STUART, DENNIS O'GAREY 3580 FAYETTEVILLE RD. LUMBERTON 28358	FP 078 A AC 919 521-2816	SUMNER, THOMAS EDWARD BOWMAN GRAY, DEPT. OF RAD. WINSTON-SALEM 27103	PDR/PD 034 A AC 919 748-4316	SWEENEY, CHARLOTTE A. RT. #2, BOX 195 CONOVER 28613	OBG 032 R
STUART, HAL MARTIN 180-C PARKWOOD DRIVE ELKIN 28621	FP 086 AC 919 835-3613	SUMPIO, BERNARDO D. 209 FOX LAKE DRIVE CLINTON 28328	EM/IM 082 A AC 919 592-8847	SWETENBURG, RAYMOND LEE, JR. 2711 RANDOLPH ROAD CHARLOTTE 28207	PD 060 P AC 704 374-1736
STUBBS, ALLSTON JULIUS 7932 LYNDRHURST AVENUE WINSTON-SALEM 27103	U 034 AC 919 765-4021	SUMPTER, EDWIN ALLEN BOX 848 WELDON 27890	PD 042 AC 919 536-2557	SWIFT, MICHAEL RONALD NCMH, BSRC 220-H CHAPEL HILL 27514	IM 032 AC 919 966-2266
STUBER, ROBERT LEO MOORE MEMORIAL HOSPITAL PINEHURST 28374	PTH/DMP 063 A P AC 919 295-7135	SUNDBERG, THOMAS CLARKE 1335 ROMANY ROAD CHARLOTTE 28204	RHU 060 A AC 704 375-1719	SWIFT, RONNIE GORMAN ROUTE #7, BOX 284 CHAPEL HILL 27514	P 032 AC 919 933-5857
STUCKEY, CHARLES LEGRAND 1515 ELIZABETH AVENUE CHARLOTTE 28204	IM 060 A L 704 333-1116	SUNDER, THEODORE RALPH ECU DEPT. OF PEDIATRICS GREENVILLE 27834	CHN/N 074 A AC 919 551-4772	SWING, DONALD CRAVER, JR. 213 STAFFORDSHIRE DR. GREENVILLE 27834	074 A S 919 756-6912
STUCKEY, THOMAS DAVID 1101 BEARHOLLOW ROAD GREENSBORO 27410	IM 041 AC 919 378-0774	SUNDERMAN, MICHAEL ROBERT P. O. BOX 310 STANTONSBURG 27883	FP 098 A AC 919 238-2101	SWOFFORD, JOEL HOWARD 111 DALEWOOD DR. APT. #6 WINSTON-SALEM 27104	034 A S 919 723-9174
STURKIE, H. RAY 1365 WESTGATE CENTER DR. SUITE 1-C WINSTON-SALEM 27103	GYN 034 AC	SUPIK, LAWRENCE FRANCIS 207 N. JARVIS ST. GREENVILLE 27834	074 A S 919 752-7289	SYDNOR, CHARLES FORD 1214 VAUGHN ROAD BURLINGTON 27215	OPH 001 A AC 919 228-0254
STUTESMAN, JAMES L. 343 SECOND ST. NW HICKORY 28601	PM 018 A AC 704 322-1300	SURAL, RONALD FRANK 1006 PROFESSIONAL VILLAGE GREENSBORO 27401	U 041 A AC 919 373-8323	SYKES, CHARLES LOUIS P. O. BOX 590 MOUNT AIRY 27030	FP/IM 086 A L 919 786-6105
STYRON, CHARLES WOODROW 615 ST. MARY'S STREET RALEIGH 27605	IM/DIA 092 A L 919 828-7773	SURRATT, JOHN PEELER 603 BEAMON ST. CLINTON 28328	D 082 A AC 919 592-5583	SYKES, CHARLIE LOUIS, JR. 250 DOCTORS DRIVE BOONE 28607	IM 095 AC 704 264-6362
SUE, SAMUEL ARTHUR, JR. 315 W. WENDOVER AVENUE GREENSBORO 27408	ORS 041 A AC 919 275-0724	SURRATT, ROBERT WALTER 56 ARDSLEY AVENUE, N.E. CONCORD 28025	IM 013 A AC 704 782-1101	SYKES, KASSELL EUGENE, JR. 306 ESTES DR., APT. G-11 CARRBORO 27510	032 A S 919 942-8492
SUGARMAN, JEREMY 28 JUSTIN CT. DURHAM 27705	IM 032 A R 919 477-9435	SURRATT, WILSON FARRIS 507 COUNTRY CLUB ACRES SHELBY 28150	AN 023 AC 704 482-5716	SYKES, LISA CAROL 204-A HOWELL ST. CHAPEL HILL 27514	032 A S 919 968-4727
SUGG, WILLIAM CASWELL, JR. 2711 RANDOLPH ROAD, SUITE 100 CHARLOTTE 28207	IM/PUD 060 AC 704 373-0700	SUTHER, THOMAS CORNELIUS, JR. MCCAIN HOSPITAL MCCAIN 28361	P/GP 063 AC 919 944-2351	SYPPER, ROBERT V., JR. 409-E PARKWAY DR. GREENSBORO 27401	HS/ORS 041 P AC 919 378-0811
SUGG, WILLIAM CUNNINGHAM 2240 CLOVERDALE AVE., STE. 220A WINSTON-SALEM 27103	IM 034 P AC 919 723-4402	SUTTLE, EVELYN AMY 244 FAIRVIEW DRIVE LEXINGTON 27292	PD 029 AC 704 246-4333	SZABO, JANET ROSE P. O. BOX 308 HICKORY 28603	R 018 A AC 704 322-2644
SUGIOKA, KENNETH RT. #7, BAYBERRY DR. CHAPEL HILL 27514	AN 032 L/RT 919 933-0487	SUTTON, EDWARD COLMERY 1616 MEMORIAL DRIVE BURLINGTON 27215	GYN 001 AC 919 227-7446	TABOR, CHARLES GORDON 1360 PINEBLUFF ROAD WINSTON-SALEM 27103	IM/EM 034 A AC 919 765-9074
SUGIOKA, MARY HINTERHOFF CCSDL, BSRC 220-H UNC SCHOOL OF MEDICINE CHAPEL HILL 27514	PD 032 A AC 919 966-5171	SUTTON, HOMER GEORGE 3722 REYNOLDA ROAD WINSTON-SALEM 27106	FP 034 AC 919 924-2900	TACKETT, AMOS DARRELL 1414 MEDICAL CENTER DRIVE WILMINGTON 28401	GS 065 A AC 919 763-7363
SUH, SANG HYON P. O. BOX 266 MORGANTON 28655	GS 012 A P AC 704 433-2235	SUTTON, JULIAN T. DRAWER 100 SCOTLAND NECK 27874	GS/FP 064 A AC 919 826-3143	TAFT, CHARLES VAN 1425 PLAZA DR., BOX 25007 WINSTON-SALEM 27114	ORS 034 AC 919 768-1270
SUITER, THOMAS B., JR. 100 NASH MEDICAL ARTS MALL ROCKY MOUNT 27801	IM 064 AC 919 443-9084	SUTTON, RICHARD LORING 5040 KIMBLEWYCK LANE CHARLOTTE 28226	EM 060 AC 704 365-3076	TAFT, RICHARD CLESSON 101 BETHESDA DRIVE GREENVILLE 27834	OBG 074 A AC 919 758-4181

TAFT, TIMOTHY NED UNC, DIV. OF ORS CHAPEL HILL 27514	ORS 032 A AC 919 966-2039	TAYLOR, ALLEN 1711 W. 6TH ST. GREENVILLE 27834	R 074 A AC 919 752-5000	TEAGUE, RANDALL SCOTT 837 OAKMONT DR. ASHEBORO 27203	DR/EM 076 AC 919 625-5151
TAJ-ELDIN, ADNAN 200 DOCTOR'S DR. STE. I JACKSONVILLE 28540	IM/A 067 AC 919 353-6327	TAYLOR, ANDREW DUVAL 2610 SELWYN AVENUE CHARLOTTE 28209	A 060 L/RT 704 334-2397	TEAM, ROBERT ALSTON 2 CHERRY STREET LEXINGTON 27292	FP 029 AC 704 246-4539
TALBERT, LUTHER MARCUS N. C. MEMORIAL HOSPITAL CHAPEL HILL 27514	OBG/END 032 AC 919 966-5438	TAYLOR, BLUCHER EHRLINGHAUS 2909 LYNTHURST AVENUE WINSTON-SALEM 27103	OBG 034 A AC 919 765-5470	TEASLEY, BARRY HOYLE P. O. BOX 10907 103 COX BLVD. GOLDSBORO 27532	OPH 096 A P * AC 919 734-8440
TALTON, DAVID SMITH 1995 HOODS CREEK DR. NEW BERN 28560	034 S 919 966-5438	TAYLOR, BRITTON EDGAR 2215 CANTERWOOD DRIVE WILMINGTON 28401	OBG 065 AC 919 343-1031	TEETER, ROBERT TENNANT #9 MEDICAL PARK MOREHEAD CITY 28557	OBG 016 A AC 919 726-0107
TALTON, INGEBORG HILDEBRAND 2725 MONTGOMERY ST. DURHAM 27705	AN 032 A AC 919 684-3591	TAYLOR, CATHERINE ANNE NCMH, DIV. OF CHILD PSY. CHAPEL HILL 27514	CHP/PD 032 A AC 919 966-2166	TEJANO, FELIPE MAZON KINSTON CLINIC, NORTH DOCTOR'S DRIVE KINSTON 28501	U 054 A P * AC 919 527-3043
TAMISIEA, J. RICHARD 1202 MEDICAL CENTER DRIVE WILMINGTON 28401	CD/IM 065 AC 919 341-3301	TAYLOR, FREDERICK HARVEY 1900 RANDOLPH RD. #206 CHARLOTTE 28207	TS/CDS 060 A AC 704 372-1306	TELFER, JAMES GAVIN, JR. 305 S. ACADEMY STREET CARY 27511	IM/FP 092 * AC 919 467-7528
TAN, RICARDO MIJARES 2301 DELANEY AVENUE WILMINGTON 28403	GS/ABS 065 A AC 919 763-0159	TAYLOR, JAMES EDWARD 631 COX ROAD GASTONIA 28052	U 036 A AC 704 867-4896	TEMPLE, PETER LIVERMORE 101 CLINIC DRIVE TARBORO 27886	FP 033 A AC 919 823-2105
TANNEHILL, JOHN FRANKLIN 120 HOSPITAL DRIVE CLYDE 28721	OTO/HNS 044 A * AC 704 452-1406	TAYLOR, JAMES VAN, III 1704 S. TARBORO STREET WILSON 27893	FP 098 A AC 919 291-7001	TEMPLE, RUFUS HENRY, JR. 2215 CANTERWOOD DR. WILMINGTON 28401	OBG 065 A AC 919 763-8471
TANNEHILL, ROBERT BRUCE 720 GROVE STREET SALISBURY 28144	PD 080 AC 704 636-5576	TAYLOR, JEFFREY SCOTT 1704 S. TARBORO ST. WILSON 27893	OPH 098 A AC 919 291-7001	TEMPLETON, THOMAS BREVARD 521 BROOKDALE DR. STATESVILLE 28677	IM 049 A AC 704 872-3455
TANNER, DAUNE D. 1575 WATERFORD PLACE FT. MILL, SC 29715	EM 034 A R 919 684-2945	TAYLOR, JENNIFER ELAINE BOX 3061, DUMC DURHAM 27710	AN 032 A AC 919 684-2945	TENNANT, STANLEY NEAL 1011 PROFESSIONAL VILL. GREENSBORO 27401	CD 041 A P AC 919 299-0111
TANNER, KENNETH SPENCER, JR. PO BOX 468 RUTHERFORDTON 28139	GS 081 A L/RT 704 286-9036	TAYLOR, JERRY JURGEN 2402-B E. THIRD ST. GREENVILLE 27834	074 A S 919 562-5174	TENNEY, JAMES BERNARD 32 HOYT ROAD ARDEN 28704	GPM/PH 011 A AC 704 255-5671
TARA, CHARLES SAMUEL 1702 S. HAWTHORNE ROAD WINSTON-SALEM 27103	OPH 034 A P AC 919 768-4140	TAYLOR, JIMMY LYNN BOX 989 MONROE 28110	FP 090 AC 704 283-1521	TENNISON, MICHAEL BYRON UNC SCHOOL OF MEDICINE 751 BURNETT-WOMACK BLDG. 229-H CHAPEL HILL 27514	CHN/PD 032 A AC 919 966-2528
TARLETON, HAROLD LEWIS PO BOX 649 WEST END 27376	FP/EM 063 A AC 919 673-2403	TAYLOR, JOHN BRUCE 449 N. WENDOVER RD. CHARLOTTE 28211	OBG 060 A AC 704 376-0360	TENNYSON, GARY S. 720 SHADY LAWN RD. CHAPEL HILL 27514	PTH 032 A R 919 929-8599
TARRY, WALLACE CLEMENTS 208 E. KNOX ST. DURHAM 27702	032 A S 919 693-3223	TAYLOR, JULIAN RALEIGH MEDICAL ARTS CENTER AHOSKIE 27910	FP 008 AC 919 332-3548	TEPLIN, STUART WARREN UNC, DDD/BSRC 220-H CHAPEL HILL 27514	PD 032 AC 919 966-5171
TARRY, WILLIAM BURWELL, JR. 104 NEW COLLEGE STREET OXFORD 27565	FP 039 A AC 919 693-8126	TAYLOR, MARSHALL CARNEY 608 E. 12TH STREET WASHINGTON 27889	DR 007 A AC 919 946-2137	TERRELL, GRACE EMERSON 11 BREMROSE CIR. DURHAM 27705	A S 919 493-3147
TART, DAVID E. 24 SECOND AVENUE, N.E. HICKORY 28601	D/IM 018 A * AC 704 328-6185	TAYLOR, MARY ANN HAMPTON 4450 GREEN MEADOWS WINSTON-SALEM 27106	FP 034 AC 919 761-5218	TERRELL, SARA ELDORA HAWORTH 624 QUAKER LN. STE. 207-C HIGH POINT 27262	IM 040 A * AC 919 841-4233
TART, JAMES ALVIN PINEHURST MED. CLINIC 205 PAGE ROAD PINEHURST 28374	CD/IM 063 A AC 919 295-5511	TAYLOR, MICHAEL ALAN 4505 FAIR MEADOWS LN. STE. 101 RALEIGH 27607	PD 092 AC 919 787-5495	TERRELL, THOMAS EUGENE 624 QUAKER LN., STE. 207-C HIGH POINT 27262	IM 040 A * AC 919 841-4233
TART, JAMES MILTON, JR. MERCY MED. CTR. PARK PINEVILLE 28134	OBG 060 AC 704 376-3536	TAYLOR, RICHARD ALLEN 901 OAK FOREST DRIVE MONROE 28110	PD 090 AC 704 289-2556	TERRY, ROY CLARENCE 4-L ESTES PARK APTS. CARRBORO 27510	032 A S 919 967-6485
TATE, ALLEN DENNY, JR. 1610 VAUGHN ROAD BURLINGTON 27215	FP 001 AC 919 226-4471	TAYLOR, RICHARD LEWIS 1018 COLLEGE STREET OXFORD 27565	FP 039 A P * AC 919 693-3972	TESTER, RICHARD DEAN P. O. BOX 5007 HIGH POINT 27262	R/NM 040 A AC 919 883-6716
TATE, DAVID HARRISON 3175 MAPLEWOOD AVENUE WINSTON-SALEM 27103	PD 034 A AC 919 768-7030	TAYLOR, RUSSELL CARL 250 DOCTORS DRIVE BOONE 28607	IM/NEP 095 AC 704 264-6362	TETA, JOSEPH MICHAEL P. O. BOX 242 ROARING GAP 28668	GP 086 AC 919 363-2349
TATE, GEORGE WHALEY, JR. 2170 MIDLAND ROAD SOUTHERN PINES 28387	OPH 063 A P AC 919 295-2100	TAYLOR, SHAHANE RICHARDSON, JR 348 N. ELM STREET GREENSBORO 27401	PD 092 AC 919 274-4626	THACKER, ROBERT KELLER 603 DOLLEY MADISON GREENSBORO 27410	FP 041 AC 919 294-6190
TATE, WILLIAM CUMMINGS, II P. O. BOX 68 BANNER ELK 28604	GS 006 A AC 704 898-4221	TAYLOR, THOMAS JEFFERSON 616 FRANKLIN STREET ROANOKE RAPIDS 27870	GP 042 A L 919 537-6156	THALINGER, ALAN ROBERT 3535 RANDOLPH ROAD CHARLOTTE 28211	ON/IM 060 A AC 704 365-0760
TATUM, BEN SULLIVAN P. O. BOX 1599 LAURINBURG 28352	OBG 083 A AC 919 276-4432	TAYLOR, THOMAS LEE 116 JONES DRIVE DUNN 28334	DR 043 AC 919 892-7161	THELAN, KENNETH MACLACHLAN 250 CHARLOIS BLVD. WINSTON-SALEM 27103	IM 034 A AC 919 768-4730
TAUBER, STUART DAVIS 29 RAVENSCROFT DRIVE ASHEVILLE 28801	END 011 A AC 704 258-2404	TAYLOR, VERNON WILLIAMS, JR. 815 N. BRIDGE STREET ELKIN 28621	FP 086 A L 919 835-3425	THIELE, RONALD LEWIS 503 QUEEN ANNE'S ROAD GREENVILLE 27858	PD/PH 074 A AC 919 756-6721
TAYLOE, DAVID THOMAS 608 E. 12TH STREET WASHINGTON 27889	PD 007 * AC 919 946-4134	TAYLOR, WILLIAM IVEY, JR. ROUTE #3, BOX 3680 BURGAW 28425	GP 065 A RT 919 259-2301	THIELMAN, NATHAN M. 2752 MIDDLETON AVE. APT. 31-J DURHAM 27705	032 A S 919 383-0025
TAYLOE, DAVID THOMAS, JR. 2706 MEDICAL OFFICE PLACE GOLDSBORO 27530	PD 096 A P * AC 919 734-4736	TAYLOR, WILLIAM RILEY 690 FAIRGROVE CHURCH ROAD P. O. BOX 3710 HICKORY 28603	ON/IM 018 AC 704 324-9550	THIERJUNG, CHRISTINA 1915 ERWIN RD. APT. D DURHAM 27705	A S 919 684-6369
TAYLOE, JOHN COTTEN, JR. P. O. DRAWER 2604 MEDICAL ARTS CENTER NEW BERN 28560	ORS 025 P AC 919 633-1635	TEACHEY, HERMAN MCKINLEY 404 LAUREL ST. GREENVILLE 27834	074 A * S 919 758-4139	THIGPEN, FRONIS RAY 805 S. MADISON STREET WHITEVILLE 28472	FP/PD 024 A AC 704 642-6121
TAYLOE, JOSHUA 614 E. 12TH STREET WASHINGTON 27889	OBG 007 A AC 919 946-6544	TEAFORD, MICHAEL JACOB ST. JOSEPH'S HOSPITAL ASHEVILLE 28801	PTH 011 A AC 704 255-3943	THOMAS, ACHAMMA 11005 HUNTOVER DR. ROCKVILLE, MD 20852	IM 060 A RT 301 881-0229

THOMAS, ALAN EFIRD SOUTHEASTERN MEDICAL GROUP 637 S. KERR AVENUE WILMINGTON 28401	IM 065 AC	919 799-1810	THOMPSON, JOHN HARGETT P. O. BOX 220 TRENTON 28585	FP 054 A RT	919 448-4321	TIEDEMAN, JAMES STUART BOX 3802, DUMC DURHAM 27710	OPH 032 A AC	919 684-3090
THOMAS, BARBARA ANNE LOWRY 2720 WINDY CROSSING WINSTON-SALEM 27107	P 034 A R	919 785-2073	THOMPSON, KENNETH COCHRAN 101 CLINIC DRIVE TARBORO 27886	P 033 AC	919 823-2105	TILLETT, CHARLES WALTER, JR. 2130 SHARON LANE CHARLOTTE 28211	OPH 060 A AC	704 372-3990
THOMAS, BEN DAVID P. O. BOX 247 ZEBULON 27597	FP 092 AC	919 269-9111	THOMPSON, LAWRENCE KESLAR, III 2609 N. DUKE ST., STE. 401 DURHAM 27704	PS 032 A AC	919 471-2502	TILLEY, PAUL DONALD P. O. BOX 5607 LENOIR 28645	GP 014 A AC	704 758-2368
THOMAS, COLIN EDWARD 512 SIXTH AVENUE, WEST HENDERSONVILLE 28739	U 045 A AC	704 692-6262	THOMPSON, MARVIN WHITAKER P. O. BOX 847 LUMBERTON 28359	PTH 078 A AC	919 738-6441	TILSON, HUGH H. 3030 CORNWALLIS RD. RESEARCH TRIANGLE PK 27709	GPM/PH 092 A AC	919 248-4354
THOMAS, COLIN GORDON, JR. UNC.BURNETT-WOMACK 229H CHAPEL HILL 27514	GS 032 A AC	919 966-4597	THOMPSON, OTIS RICHARD, JR. 322 MULBERRY ST., SW PO BOX 1020 LENOIR 28645	IM/CD 014 A AC	704 758-5544	TIMMONS, PHILLIP ZACHARY 2402-B E. THIRD ST. GREENVILLE 27834	074 A S	919 488-8162
THOMAS, DAVID PRYSE ROUTE #3, BOX 303 WILMINGTON 28403	ORS 065 A L/RT	919 791-0650	THOMPSON, WILLARD RAY 102 MOCKSVILLE AVENUE SALISBURY 28144	OTO 080 A P AC	704 637-3344	TIMMONS, ROBERT LANSING 125 MOYE BOULEVARD GREENVILLE 27834	NS 074 A AC	919 752-5156
THOMAS, EDWIN SCOTT 106 E. PARK ST. CARY 27511	IM 092 AC	919 467-8168	THOMPSON, WILLIAM CECIL, III 210 13TH AVE. PL., NW HICKORY 28601	FP 018 AC	704 322-7170	TINGA, JOHN HINNES 903 PINE TREE DRIVE NEW BERN 28560	OBG 025 AC	919 633-4005
THOMAS, FRANCIS THORNTON ECU DEPT. OF SURGERY GREENVILLE 27834	TS/GS 074 A AC	919 551-2620	THOMPSON, WILLIAM KEITH 200 ARTHUR DRIVE THOMASVILLE 27360	PD 029 AC	919 475-2348	TINGELSTAD, JON BUNDE ECU, DEPT. OF PEDIATRICS GREENVILLE 27834	PD/PDC 074 A AC	919 551-2540
THOMAS, HENRY FULLER 902-G COX ROAD GASTONIA 28052	GS/CDS 036 A AC	704 864-7821	THOMPSON, WINFIELD LYNN 216 S. HILLCREST DRIVE GOLDSBORO 27530	GS 096 L/RT	919 734-2610	TINSLEY, ELLIS ALLAN, SR. 1414 MEDICAL CENTER DRIVE WILMINGTON 28401	GS/TS 065 A AC	919 763-7363
THOMAS, JAMES JOSEPH 100 MEDICAL HEIGHTS DR. MORGANTON 28655	PD 012 A AC	704 433-4484	THOMPSON, WILLARD CHANDLER, JR. 3535 RANDOLPH RD., 201-W CHARLOTTE 28211	GS 060 A AC	704 364-8100	TODD, STUART KITTREDGE 100 NASH MEDICAL ARTS MALL ROCKY MOUNT 27801	GS 064 A P AC	919 443-9084
THOMAS, MATHAI SOMAN 393 PORTSMOUTH CT. BURLINGTON 27215	AN 001 AC	919 227-6711	THORNE, EDWARD YOUNG COX 1700 S. TARBORO ST. WILSON 27893	PD 098 A AC	919 291-1300	TOFFOLO, RUDOLF RONALD GOLD RUN CT., RT. 5, BOX 87 KINGS MOUNTAIN 28086	R 023 A AC	704 739-3712
THOMAS, MICHAEL BEMAN 1908 MEETING COURT WILMINGTON 28401	FP 065 AC	919 762-1515	THORNE, NORMAN ALAN 829-B THE OVERLOOK 719 EDWARD ST. CHAPEL HILL 27514	R/NM 011 AC		TOLENTINO, ANITA CHUA 6842 N. BALTUSTROL LANE CHARLOTTE 28210	AN 060 AC	704 552-8511
THOMAS, MILLARD BRADY, III 11-B STRATFORD ARMS GREENVILLE 27834	074 A S	919 756-2373	THORNHILL, EDWIN HALE 720 W. JONES STREET RALEIGH 27603	OTO/OPH 092 A L	919 834-7341	TOLLEY, AUBREY GRANVILLE 110 LAUREL HILL ROAD CHAPEL HILL 27514	P 032 AC	919 942-5754
THOMAS, ROGER EDMUND DEPT. OF FAMILY MEDICINE ECU SCHOOL OF MEDICINE GREENVILLE 27834	FP 074 A AC	919 551-2603	THORNHILL, GEORGE TUDOR 720 W. JONES STREET RALEIGH 27603	OPH 092 L	919 834-7341	TOLLIVER, JAMES BERT 510-A TURNER STREET THOMASVILLE 27360	FP 029 AC	919 475-9171
THOMAS, ROSEMARY ANN 2000 VENTURE TOWER DR. GREENVILLE 27834	CD/IM 074 AC	919 551-4651	THORNTON, JACK WALKER P. O. DRAWER 2484 HICKORY 28601	OTO/HNS 018 A AC	704 322-3725	TOLMIE, JOHN DUNCAN 1543 ABBEY COURT WINSTON-SALEM 27103	AN 034 A AC	919 727-4271
THOMAS, WILBUR CLYDE 138 SIGNAL HILL DR. APT. 105 STATESVILLE 28677	PTH 049 A AC	704 872-5426	THORNTON, WILLIAM COOPER, JR. 132 W. MILLER STREET ASHEBORO 27203	IM 076 A AC	919 625-3218	TOLSON, ROGER JOHN 1134 N. ROAD STREET ELIZABETH CITY 27909	IM 070 A AC	919 335-2963
THOMAS, WILLIAM RALPH RT. #3, BOX 476 ELIZABETH CITY 27909	GP 070 AC	919 338-2480	THORP, JAMES HORACE MERRIAM 200 NASH MEDICAL ARTS MALL ROCKY MOUNT 27804	OBG 064 A AC	919 443-5941	TOLSON, TIMOTHY ALEXANDER 200 W. 8TH ST., APT. 5-D GREENVILLE 27858	A S 919 752-2099	U 013
THOMASON, HENRY CLAYTON, JR. 1021 X-RAY DR. GASTONIA 28054	CD/IM 036 A P AC	704 867-2341	THORP, LEWIS SUMNER 100 MEDICAL ARTS MALL ROCKY MOUNT 27801	FP/FP 064 AC	919 443-9084	TOMLIN, EDWIN MERRILL 102 LAKE CONCORD ROAD, N.E. CONCORD 28025	A AC	704 786-5131
THOMASON, MICHAEL HALE PO BOX 32861 CHARLOTTE 28232	GS 060 A AC	704 331-3176	THORWARTH, WILLIAM T., JR. CATAWBA RADIOLOGICAL ASSOC. A P. O. BOX 308 HICKORY 28603	DR/NM 018 A AC	704 322-2871	TOMLINSON, ROBERT LEE, JR. 1700 TARBORO STREET, EXT. WILSON 27893	OBG 098 A AC	919 291-9010
THOMASON, ROBERT BRADLEY, III N.C. BAPTIST HOSPITAL 300 S. HAWTHORNE RD. WINSTON-SALEM 27103	GS 034 A R	919 748-2011	THRASH, WILLIAM VIRGIL 147 ASHELAND AVENUE ASHEVILLE 28801	IM 011 A AC	704 258-1188	TOMSICK, ROBERT S. UNC, DEPT. OF DERMATOLOGY CHAPEL HILL 27514	D 032 A AC	919 966-4506
THOMLEY, ALAN MILES 1960 RANDOLPH ROAD CHARLOTTE 28207	CD/IM 060 A AC	704 373-1503	THULLEN, JAMES DONALD 2311 LAKE DRIVE RALEIGH 27609	PD/NPM 092 AC	919 755-8545	TOOLE, JAMES FRANCIS 300 S. HAWTHORNE RD. WINSTON-SALEM 27103	N/IM 034 A AC	919 748-4101
THOMPSON, ERVIN MAGNUS 3643 N. ROXBORO ST. DURHAM 27704	P 032 A AC	919 470-6241	THURBER, DAVID CUSHMAN, JR. MEDI. DEP. DOROTHEA DIX HOSP RALEIGH 27611	IM 092 AC	919 733-5157	TOOTHMAN, DONALD E. 487 47TH AVE. SAN FRANCISCO, CA 94121	000 R	415 387-5140
THOMPSON, FRANK ALAN W-18 DOCTORS BLDG. ASHEVILLE 28801	GE/IM 011 AC	704 252-2904	THURMAN, ROGER ZALON 1700 S. TARBORO ST. WILSON 27893	GS 098 A AC	919 291-1300	TOPPLE, ANE MARIE 600-B MEDICAL COURT MARION 28752	D 059 AC	
THOMPSON, FREDERICK A. 322 MULBERRY ST., SW PO BOX 1020 LENOIR 28645	IM/CD 014 A AC	704 758-5544	THURSTON, THOMAS GARDINER, II P.O. DRAWER 2608 SALISBURY 28144	R/NM 080 A AC	704 636-0848	TOPPLE, STANLEY CRAIG 600-B MEDICAL COURT MARION 28752	ORS 059 A AC	704 652-3310
THOMPSON, GEORGE R. C. 129 OLDE POINT RD. HAMPSTEAD 28443	FP 065 A L/RT	919 270-2196	THURSTON, THOMAS GARDINER, III 315 MOCKSVILLE AVENUE SALISBURY 28144	OBG 080 A AC	704 636-9270	TORREY, RICHARD KENDRICK THE MIDDLESEX CLINIC P. O. BOX 100 MIDDLESEX 27557	FP 098 A AC	919 235-4078
THOMPSON, JAMES NICHOLAS BOWMAN GRAY-SURGERY WINSTON-SALEM 27103	OTO/PSF 034 A AC	919 748-4161	TICKLE, DEWEY REID WILSON MEMORIAL HOSPITAL WILSON 27893	R 098 A AC	919 399-8112	TORTORA, FRANK L., JR. 101 S. W. CARY PARKWAY CARY 27511	U 092 AC	919 467-3203
THOMPSON, JOHN ALBERT, JR. 2310 RANDOLPH ROAD CHARLOTTE 28207	D 060 A AC	704 376-9849	TIDLER, JAMES 1919 S. SIXTEENTH STREET WILMINGTON 28401	IM 065 AC	919 763-8184	TOSKY, GEORGE MICHAEL 3000 NEW BERN AVE. RALEIGH 27610	OBG 092 A AC	919 755-8535
			TIDWELL, JOHN WILLIAM, II 1900 RANDOLPH ROAD CHARLOTTE 28207	OBG 060 AC	704 377-5675	TOVE, NANCY LOUISE 3100 BLUE RIDGE RD. RALEIGH 27612	FP 092 AC	919 782-0146

TOWNSEND, MURPHY FURMAN, JR. 1007 PROFESSIONAL VILLAGE GREENSBORO 27401	IM 041 A P AC 919 272-2141	TRULUCK, THOMAS BRIAN 903 PINE TREE DRIVE NEW BERN 28560	OBG 025 AC 919 633-4005	TUTTLE, MARLER SLATE, SR. 134 S. MAIN STREET KANNAPOLIS 28081	FP 013 A L 704 932-7016
TOWNSEND, ROBERT GLENN, JR. 405 S. MAIN ST. PO BOX 665 RAEFORD 28376	FP 047 A * AC 919 875-5101	TRUSLOW, ROY EARL 618 S. MAIN STREET REIDSVILLE 27320	R 079 A AC 919 349-8461	TWEED, JOHN LINDSEY 811 VICKERS AVE. DURHAM 27701	032 A S 919 688-0527
TRACHMAN, JAYNE FELICIA 1909 YEARBY AVE., APT. F DURHAM 27705	032 A S 919 684-5588	TSAI, GEORGE SHOU-CHYUAN P. O. BOX 430 INDIAN TRAIL 28079	GP 060 AC 704 821-7056	TYE, JOHN GAROLD 401 MULBERRY ST., SW. LENOIR 28645	OPH 014 A AC 704 754-0561
TRACHTENBERG, WILLIAM 239 S. HILLCREST DRIVE GOLDSBORO 27530	GP 096 A L/RT 919 734-0956	TSE, ALEX YU CHOW 120 MEMORIAL DRIVE JACKSONVILLE 28540	PD/A 067 A AC 919 353-0581	TYNDALL, HUBERT DURWOOD 2400 WAYNE MEMORIAL DRIVE GOLDSBORO 27530	GP 096 AC 919 734-4845
TRACY, JOHN WILLIAM 1618 E. MOREHEAD ST. CHARLOTTE 28207	FP 060 AC 704 377-3610	TSE, ANDRE KON SANG 144 MEMORIAL COURT JACKSONVILLE 28540	CD/IM 067 A AC 919 353-5111	TYNER, HUGH EDWARD 902-G COX ROAD GASTONIA 28054	GS/TS 036 A AC 704 864-7821
TRADO, CHARLES ELEMENDORF IKERD BUILDING 612 THIRD AVE., NE HICKORY 28601	P/GP 018 A P * AC 704 324-9900	TUCKER, DONALD HUGH 1705 W. SIXTH STREET GREENVILLE 27834	IM/CD 074 AC 919 752-6101	TYSGINGER, JOHN REED 1511 WESTOVER TERRACE GREENSBORO 27408	CD/IM 041 AC 919 373-1562
TRAMM, JEANNE NORGAARD ST. JOSEPH'S HOSPITAL ASHEVILLE 28801	AN 011 A * AC 704 252-1016	TUCKER, GEORGE FRANKLIN P. O. BOX 246 ZEBULON 27597	FP 092 A AC 919 269-9144	TYSON, JAMES WILLIAM NEWLAND MEDICAL BUILDING BREVARD 28712	FP 088 A AC 704 884-9030
TRAN, LUCAS VAN 101 ROBESON ST. STE. 410 FAYETTEVILLE 28301	N 026 A AC 919 483-5050	TUCKER, GEORGE REGINALD, JR. RUIN CREEK RD. STE. A HENDERSON 27536	FP 091 A AC 919 492-3152	TYSON, WOODROW WILSON 1114 FERNDAL DRIVE HIGH POINT 27260	IM/CD 040 A L 919 882-6130
TRANT, CHARLES AMON, JR. 106 SCALES PL., A-8 GREENVILLE 27834	074 A S 919 830-1244	TUCKER, LANDRUM S., JR. FRANKLIN SQUARE, BLDG 900-A CHAPEL HILL 27514	PYA/CHP 032 AC 919 942-8716	UELAND, FREDERICK RAND 1819 GRACE ST. WINSTON-SALEM 27103	A S 919 723-0070
TRAPASSO, ROBERT LOUIS P. O. BOX 1928 ROCKINGHAM 28379	PTH 077 A AC 919 997-2561	TUCKER, PAUL CHAMBLISS, JR. NALLE CLINIC 1350 S. KINGS DR. CHARLOTTE 28207	GE/IM 060 A AC 704 372-8750	UGLAND, DAVID NELS 100 QUEENS RD. CHARLOTTE 28204	OPH 060 A P * AC 704 332-1156
TRASK, TODD WILSON 112 MOSS BARK LANE CHAPEL HILL 27514	032 A S 919 942-2319	TUCKER, WALTER ROBERT 1618 E. MOREHEAD ST. CHARLOTTE 28207	FP 060 AC 704 377-3610	UHLIN, STEPHEN RICHARD 624 QUAKER LANE, 302-B HIGH POINT 27262	D/IM 040 A P * AC 919 885-8333
TRATHEN, WILLIAM THOMAS 20 DOCTORS PARK BOONE 28607	OBG 095 AC 704 264-9067	TUCKER, WILLIAM BEVERLY RUIN CREEK ROAD HENDERSON 27536	FP 091 A * AC 919 492-3152	ULLRICH, CHRISTOPHER GEORGE 2631 ROTHWOOD DR. CHARLOTTE 28211	DR 060 A AC 704 365-0343
TRAVIS, JO MARLENE 45 HARDING AVENUE BRANFORD, CT 06405	AN 032 A R 203 481-7026	TUCKER, WILLIAM STUART, JR. 1350 S. KINGS DR. CHARLOTTE 28207	IM/END 060 A AC 704 372-8750	UM, KI-BONG P. O. BOX 625 ROBERSONVILLE 27871	GP 007 A AC 919 795-4192
TRAYLOR, HENRY WILLIAM, JR. 805 S. MADISON WHITEVILLE 28472	IM/EM 024 A AC 919 642-6121	TUCKER, WILLIAM YORK, JR. 300 S. HAWTHORNE ROAD WINSTON-SALEM 27103	CDS 034 A AC 919 748-4487	UMPHLET, THOMAS LEONARD 2519 WHITE OAK ROAD RALEIGH 27609	IM 092 A L/RT 919 787-9650
TREADWELL, EDWARD LOUIS ECU, DEPT. OF MEDICINE GREENVILLE 27834	RHU/IM 074 A AC 919 551-2533	TUGGLE, ALLAN DAVID 2335 FOREST DRIVE CHARLOTTE 28211	R 060 A L 704 366-4089	UNDERHILL, THURLOW REED 800 HOSPITAL DRIVE, STE. #4 NEW BERN 28560	U 025 A P AC 919 633-2712
TREMONT, STEPHEN J. 4420 LAKE BOONE TRAIL REX CANCER CENTER RALEIGH 27607	ON 032 AC	TUMEN, JON JAY 3100 BLUE RIDGE RD., STE. 300 RALEIGH 27607	IM/PUD 092 A AC 919 781-7500	UNGER, HENRY ALAN 101 S. W. CARY PARKWAY CARY 27511	U 092 P AC 919 467-3203
TREVATHAN, G. EARL, JR. ECU, AMBULATORY PED. SECT. GREENVILLE 27834	PD 074 A * AC 919 551-2535	TURITTO, LOUIS ANTHONY 2 WHITAKER LANE ANDREWS 28901	GS 020 A AC 704 321-5010	UNSICKER, CARL LESTER 5305-F WRIGHTSVILLE AVE. WILMINGTON 28403	ORS 065 A AC 919 395-0684
TRITICO, ROCCO JOSEPH P. O. BOX 803 STATESVILLE 28677	DR 049 A AC 704 872-4057	TURK, ROBERT SPENCER 3-D DOCTORS PARK ASHEVILLE 28801	GS 011 A AC 704 258-8206	UPPIN, A. S. 400 E. CENTER STREET LEXINGTON 27292	GS 029 AC 704 249-2991
TROOST, B. TODD 300 S. HAWTHORNE RD. DEPT. OF NEUROLOGY WINSTON-SALEM 27103	N/OPH 034 A AC 919 748-4643	TURLINGTON, WADE ROBERT 200 DOCTOR'S DRIVE, SUITE M JACKSONVILLE 28540	FP 067 A AC 919 353-8100	URBANIAK, JAMES RANDOLPH BOX 2912, DUKE HOSPITAL DURHAM 27710	ORS/HS 032 A AC 919 684-2476
TROUGHT, WILLIAM STANLEY 19 BAYWOOD DRIVE WINTERVILLE 28590	DR 074 A AC 919 752-5000	TURNER, CHARLES SIEWERS 2819 FOREST DRIVE WINSTON-SALEM 27104	PDS 034 A P AC 919 724-0345	UTHE, WILLIAM FREDERICK 1901 HILLDALE ROAD DURHAM 27705	IM 032 AC 919 383-1518
FROUTMAN, BAXTER SUTTLES 521 MT. VIEW ST. LENOIR 28645	GP 014 A L/RT	TURNER, HENRY CATLETT 300 S. HAWTHORNE RD. WINSTON-SALEM 27103	AN 034 AC 919 748-4791	VADNAIS, PAUL ALFRED 2308 WYTHE HOUSE CT. CHARLOTTE 28226	AN 060 A P AC 704 364-9135
FROUTMAN, BELK CONNOR P. O. BOX 429 GRIFTON 28530	GP 054 AC 919 524-4273	TURNER, JAMES ANGUS 2351 CLAY ST., STE. 510 PACIFIC MEDICAL CTR. SAN FRANCISCO, CA 94115	HS/ORS 000 A P AC	VALENCIA, RODOLFO CIRINEO 425-B U. S. HIGHWAY 70 SWANNANOVA 28778	IM 011 A AC 704 686-3881
TROWELL, AMY REBECCA 250 CHARLOIS BOULEVARD WINSTON-SALEM 27103	PD/PHO 034 A AC 919 768-4730	TURNER, LARRY 1110 W. MAIN STREET DURHAM 27701	OPH/OTO 032 A P L 919 682-9341	VALERI, FRANK SCOTT 2330 RANDOLPH RD. CHARLOTTE 28207	CD/IM 060 A AC 704 377-0575
TROXLER, DAVID HAYS 30 CHOCTAW ST. ASHEVILLE 28801	PUD 011 A AC 704 255-7733	TURNER, MURRAY WELLS 125 BALDWIN AVE. NORTH HILLS CHARLOTTE 28204	IM/NEP 060 A AC 704 338-6300	VALK, HENRY LEWIS 300 S. HAWTHORNE RD. WINSTON-SALEM 27103	IM 034 A P L 919 748-4677
TROXLER, EULYSS ROBERT 2314 PRINCESS ANN ST. GREENSBORO 27408	ORS 041 A L 919 288-5521	TURNER, ROBERT COY ECU, DEPT. OF MEDICINE GREENVILLE 27858	IM 074 A AC 919 551-4633	VALONE, JAMES AUSTIN 2800 BLUE RIDGE BLVD., #304 RALEIGH 27607	PS/GS 092 A L 919 781-7430
TRUESDALE, GERALD LYNN 901 N. ELM ST. GREENSBORO 27401	PS/GS 041 A AC 919 274-2757	TURNER, WILLIAM BOMAR, III 1604 E. MULBERRY ST. GOLDSBORO 27530	U 096 A AC 919 735-1635	VAN DYKE, ALLEN H., JR. 2609 N. DUKE ST., STE. 204 DURHAM 27704	OBG/GYN 032 A AC 919 471-8402
RUETT, ARTIS PRESTON, III 2672 HITCHCOCK DR. DURHAM 27705	032 A S 919 479-5299	TURNER, WILLIAM HARRISON, III 1030 PROFESSIONAL VILLAGE GREENSBORO 27401	D/IM 041 A * AC 919 373-1384	VAN FLEET, WILLIAM VERNON 802 N. LAFAYETTE ST. SHELBY 28150	P/CHP 023 A AC 704 482-7395
RUJILLO, JAIME EMILIO 3111 MAPLEWOOD AVE., STE. 101 WINSTON-SALEM 27103	IM/END 034 AC 919 768-0496	TURPIN, JAMES WESLEY 231 FOREST HILL RD. CHAPEL HILL 27514	OM 32 A R 919 942-4743	VAN NOORD, GLENN RICHARD 4020 DRESDEN DR. WINSTON-SALEM 27104	FP 034 A AC 919 748-2230
				VAN NYNATTEN, FRED H. 1990 S. 16TH WILMINGTON 28401	IM/EM 065 AC 919 256-4555

VAN TASSEL, ERIC D. 410 EDGELAND PLACE BIRMINGHAM, AL 35209	IM /CD 032 A R 919 942-4810	VEAZEY, ALEX H., JR. 1228 CHANTELOUP DR. HENDERSONVILLE 28739	FP 045 A RT 704 693-6124	VISSER, VALYA ELIZABETH DEPT. OF PEDIATRICS CHARLOTTE MEM. HOSP. BOX 32861	NPM /PD 060 AC
VAN-BLARICOM, LAWRENCE S. 445 BILTMORE AVE. ASHEVILLE 28801	NS 011 A AC 704 258-8500	VEAZEY, DANIEL BURT 611 FIFTH AVE., WEST HENDERSONVILLE 28739	FP 045 AC 704 692-7111	CHARLOTTE 28232	704 338-3156
VAN-HOY, JOE MILTON 3735 ABINGDON ROAD CHARLOTTE 28211	GS 060 A L/RT 704 364-5069	VELAT, CLARENCE ANTHONY 406 CASCADE CT. HIGH POINT 27260	PTH /CLP 040 A AC 919 884-6065	VOCI, VINCENT EUGENE 902 COX RD., STE. B GASTONIA 28054	PS /HS 036 A P AC 704 867-5852
VAN-VELSOR, HARRY 1924 S. SIXTEENTH STREET WILMINGTON 28401	D 065 A AC 919 762-5207	VENTERS, GEORGE COLE 3410 EXECUTIVE DRIVE RALEIGH 27609	ORS 092 A AC 919 872-5296	VOGL, JOSEPH VINCENT ROUTE #2, BOX 197 CONOVER 28613	PTH 018 A AC 704 322-3821
VANCE, SHELBY WILLIAM BOX 70 PINEOLA 28662	GP 006 A L 704 733-2788	VENTERS, WAYNE BURNETTE 200 DOCTOR'S DRIVE, SUITE J JACKSONVILLE 28540	ORS 067 A P AC 919 353-1412	VOGLER, JAMES BREVARD, III BOX 3808, DUMC DURHAM 27710	DR 032 AC 919 684-2711
VANCE, THOMAS DOYLE 904 STATE FARM ROAD PO BOX 1097 BOONE 28607	DR 095 A AC 704 264-6984	VERELL, KAREN LEA 12 OFFICE PARK DR. JACKSONVILLE 28540	PD /ADL 067 A AC 919 353-6262	VOIGT, WARD LANDIS CHOWAN MEDICAL CENTER EDENTON 27932	GS 021 A AC 919 482-2116
VANDENBOSCH, GERALD C. 1704 S. TARBORO ST. WILSON 27893	ORS 098 A AC 919 291-7001	VERHOEFF, DIRK SEASIDE SPARROW 12 HILTON HEAD ISLAND, SC 29928	PUD 060 A L/RT 803 671-2665	VOLK, JAMES VICTOR 722 W. FIFTH AVE. HENDERSONVILLE 28739	PD 045 AC 704 693-3296
VANDER VEER, CRAIG ANDREW 1010 EDGEHILL CHARLOTTE 28207	NS 060 A AC 704 376-1605	VERMEULEN, FRED DONALD 2028 RANDOLPH ROAD CHARLOTTE 28207	CRS /GS 060 A P AC 704 333-1259	VOLKMAN, ALVIN ECU, BRODY 7E, 124 GREENVILLE 27834	PTH 074 A AC 919 551-2804
VANDERBEEK, RANDALL B. 100 VICTORIA RD. ASHEVILLE 28801	U 011 A AC 704 254-8883	VERNER, HUGH DAVID 212 S. TRYON ST., STE. 1500 CHARLOTTE 28281	IM 060 A AC 704 365-0760	VOLKMER, DONALD DURHAM OLD 29-70 SOUTH P. O. BOX 579 LEXINGTON 27292	IM 029 AC 704 249-7785
VANDERSEA, HAROLD MARK 800 HOSPITAL DRIVE NEW BERN 28560	ORS 025 A AC 919 638-8113	VERNON, CHARLES ROBERTSON 7230 WRIGHTSVILLE AVENUE WILMINGTON 28403	P 065 A P AC 919 256-4106	VOLLMER, DONALD HENRY RT. #1, CROSS CREEK COVES ANDREWS 28901	IM 011 A L/RT 704 321-5615
VANDERWERF, JOSEPH NELSON 611 FIFTH AVE., WEST HENDERSONVILLE 28739	FP 045 AC 704 692-5068	VERNON, JAMES TAYLOR P. O. BOX 1139 MORGANTON 28655	P 012 A AC 704 437-4642	VREELAND, WALLING D., JR. 3910 COUNTRY CLUB ROAD WINSTON-SALEM 27104	GP 034 A AC 919 765-0170
VANDIVER, THOMAS JACKSON 150 PROVIDENCE ROAD CHARLOTTE 28207	OBG 060 A AC 704 377-0461	VERNON, MICHAEL STEPHEN PO BOX 1846 GREENVILLE 27834	FP 074 A AC 919 551-4614	VUKOSON, MATTHEW BRUCE UNC, STUDENT HEALTH SERVICE CHAPEL HILL 27514	FP 032 AC 919 966-2281
VANDIVIERE, H. MAC U. OF KENTUCKY, PED. MN 102 LEXINGTON, KY 40536	PUD /PD 032 A AC 606 233-5857	VERROSS, WILLIAM EDWARD 1023 EDGEHILL ROAD, S. CHARLOTTE 28207	OBG 060 A AC 704 373-1541	WACHTER, FRANCIS WILFRED PO BOX 33549 CHARLOTTE 28233	PTH 060 A AC 704 371-4814
VANN, ROBERT LEE GLAXO, INC. P.O. BOX 13960 RESEARCH TRIANGLE PK 27709	PD /PA 092 A AC 919 248-2100	VESANO, JACK LEE 225 HAWTHORNE LN. #205 CHARLOTTE 28204	ORS 060 A AC 704 334-0809	WADDELL, BRAD EDWARD 204 PERSHING AVE., SW WINSTON-SALEM 27103	034 S 919 725-2939
VARGAS, CARLOS ABRAHAM P. O. BOX 1495 GASTONIA 28052	DR 036 A AC 704 864-4378	VEST, HOWARD RYLAND, JR. RALEIGH ANESTHESIA ASSOC. P. O. BOX 18139 RALEIGH 27619	AN 092 A AC 919 781-7420	WADE, EUGENE HENRY PETER 723 EDITH STREET BURLINGTON 27215	FP 001 AC 919 229-4791
VARIA, INDIRA MAHESH BOX 3857, DUMC DURHAM 27710	P 032 AC 919 929-6726	VETTER, JOHN STANLEY P. O. BOX 308 ROCKINGHAM 28379	FP 077 AC 919 895-9075	WADSWORTH, GEORGE HENRY P. O. BOX 27 AHOSKIE 27910	GS 008 A L/RT 919 332-2215
VARIA, MAHESH AMRATLAL RADIATION ONCOLOGY-UNC NCMH BASEMENT CHAPEL HILL 27514	TR 032 A AC 919 966-1101	VICK, HENRY VERNELL 101 CLINIC DRIVE TARBORO 27886	FP 033 AC 919 823-2105	WADSWORTH, JOSEPH A.C. 1830 HILLDALE RD. DURHAM 27705	OPH 032 A L 919 383-5531
VARNER, D. WAYNE 346 HONEYCUTT DR. WILMINGTON 28403	PTH 065 AC 919 395-8177	VICK, JOHN BERNARD #10 DOCTOR'S PARK GREENVILLE 27834	TS /GS 074 A AC 919 758-1747	WAGGONER, LONNIE AUSTINE, JR. 2522 SHEFFIELD DR. GASTONIA 28054	IM 036 A RT 704 865-5486
VARNY, DAVID ALLEN 305 WILLOW PLACE GOLDSBORO 27530	UGS 096 A AC 919 778-6549	VICK, WILLIAM WOODROW 214 TALLYHO TRAIL CHAPEL HILL 27514	PTH 032 A S 919 933-5531	WAGONER, DAVID KIRK 332 LILLINGTON AVENUE CHARLOTTE 28204	PD 060 AC 704 376-4493
VARTANIAN, VARTAN 23 CLOVER PL. DURHAM 27705	AN 032 A RT 919 684-6841	VIDALLET, HUMBERTO JESUS, JR. 2403 ALPINE ROAD DURHAM 27707	R 919 489-8639	WAHBEH, CAMILLE JAMIL 1601-B OWEN DRIVE FAYETTEVILLE 28304	OBG 026 A AC 919 323-1152
VATZ, BENJAMIN 1904 N. CHURCH STREET GREENSBORO 27405	IM 041 A AC 919 274-3241	VIETA, PAUL ANTHONY 911 HAY ST. PO BOX 53514 FAYETTEVILLE 28305	OBG 026 A AC 919 485-1191	WAINER, HOWARD SCHEYER 1904 N. CHURCH STREET GREENSBORO 27405	IM /GE 041 A AC 919 274-3241
VAUGHAN, DANIEL PATRICK UNC, STUDENT HEALTH CHAPEL HILL 27514	IM /ADL 032 AC 919 966-2281	VIGLIONE, CHERYL ANNE 213 NORTHWOOD DR. CHAPEL HILL 27514	DR /GP 032 A AC 919 942-3196	WAIVERS, LEO EDWARD ECU SCHOOL OF MEDICINE DEPT. OF MEDICINE GREENVILLE 27834	IM 074 A AC 919 551-4633
VAUGHAN, EDWIN WARNER 2632 WALKER AVENUE GREENSBORO 27403	IM /RIP 041 A L/RT 919 299-7909	VIJAYA, LINGA RUIN CREEK ROAD HENDERSON 27536	U 091 AC 919 492-8711	WALDENBERG, LEOPOLD MARK 3400 EXECUTIVE DR. STE. 104 P. O. BOX 17200 RALEIGH 27619	GS 092 A AC 919 876-2732
VAUGHAN, ROBERT WILLIAM 101 BARNHILL PLACE CHAPEL HILL 27514	AN 032 A AC 919 966-5136	VILLANI, PETER LOUIS 33 TRINITY DRIVE LUMBERTON 28358	GS /CDS 078 A AC 919 738-8556	WALDMAN, GARY DAVID 1307 E. FRANKLIN ST. MONROE 28110	D 090 A AC 704 289-9448
VAUGHN, DONALD EUGENE 120 WIND CHIME COURT RALEIGH 27615	EM /FP 092 A AC 919 847-8821	VINOD, SHEELA UDAYAN DRAWER X-3 GREENSBORO 27402	PTH 041 A P AC 919 854-6454	WALHA, GURMUKH SINGH 542 WHITE OAK STREET ASHEBORO 27203	ORS /HS 076 A AC 919 629-4171
VAUGHN, RICHARD SIDNEY P. O. BOX 1966 GREENVILLE 27834	FP 074 A AC 919 752-7133	VINSON, DANIEL CASTILE P.O. BOX 837 BANNER ELK 28604	FP 006 AC 704 898-5026	WALKER, ANDREW WILLIAM 2215 RANDOLPH ROAD CHARLOTTE 28207	PS /HS 060 A AC 704 372-6846
VAUGHN, TOM JIMISON, JR. 708 S. SOUTH ST. MOUNT AIRY 27030	OBG 086 AC 919 786-4522	VISER, PAUL EDWARD 6704 ROCKWOOD RD. LITTLE ROCK, AR 72207	IM 000 A R 501 663-9386	WALKER, ANNE ENGLISH 226 BALDWIN AVENUE CHARLOTTE 28207	PD 060 AC 704 332-8139
VAUGHT, WILLIAM WAYNE, JR 1206 VAUGHN ROAD BURLINGTON 27215	OTO /HNS 001 A P AC 919 226-0660	VISSER, PHILIP ALBERT 2115 E. 7TH ST., STE. 104 CHARLOTTE 28204	GS /CRS 060 A P AC 704 333-1574	WALKER, DANA SHERRICK 2100 BRICKHAVEN DR. GREENSBORO 27407	FP 034 A R

WALKER, DAVID ANTHONY TOWN/COUNTRY SHOPPING CTR ABERDEEN 28315	OPH 063 A AC 919 944-7196	WALLER, BRENDA SUE 408-B SPAUGH ST. WINSTON-SALEM 27101	034 R	WARD, JOSEPH MAJOR 121 W. POWER STREET AYDEN 28513	FP /GER 074 AC 919 746-3191
WALKER, ELMER PIXLEY 20 FOREST HILLS DR. WILMINGTON 28403	GYN 065 A L/RT 919 763-2946	WALLER, LOUIS CLINTON 1425 PATTON AVENUE ASHEVILLE 28806	FP 011 A L/RT 704 252-8341	WARD, MICHAEL MUNDY 520 SHANDY LANE WILMINGTON 28403	EM 065 AC 919 791-2059
WALKER, HARRY GORDON 310 DAVIE AVENUE STATESVILLE 28677	FP 049 A AC 704 873-3269	WALLER, ROBERT JOSEPH 200 DOCTOR'S BUILDING ASHEVILLE 28801	TR 011 A AC 704 255-4100	WARD, SIMON V., III 2711 RANDOLPH RD. STE. 305 CHARLOTTE 28207	OBG 060 AC 704 372-8020
WALKER, JAMES LYSLE 2353 QUEEN ST. #D WINSTON-SALEM 27103	034 A S 919 722-9268	WALLER, TED JAMES 30 DOCTOR'S PARK BOONE 28607	ORS 095 A P AC 704 264-1100	WARD, WALTER AVEREL, JR. 1411-B PLAZA WEST RD. WINSTON-SALEM 27103	OTO /A 034 A * AC 919 760-0240
WALKER, JOHN BARRETT, JR. MEDICAL VILLAGE BURLINGTON 27215	GP 001 AC 919 228-8333	WALLEY, BRUCE DOUGLAS 2827 LYNDBURST AVE. STE. 205 WINSTON-SALEM 27103	CD /CDS 034 AC 919 768-9535	WARD, WILLIAM ALAN 120 PROVIDENCE RD. CHARLOTTE 28207	ORS 060 A AC 704 377-0351
WALKER, JOHN BARRETT, III MEDICAL VILLAGE, SUITE K BURLINGTON 27215	IM 001 P * AC 919 226-7384	WALLIN, GENE AMBROSE 1004 N. HOWE ST. SOUTHPORT 28461	FP 010 A AC 919 457-6214	WARD, WILLIAM GOODE 21 GORHAM PLACE DURHAM 27705	ORS 032 A R 919 383-9667
WALKER, JOSEPH EDWARDS EDWARD CLINIC RT. #3, BOX 146 LAWDALE 28090	FP /AI 023 A P AC 704 538-8616	WALLS, BERTRAM EMMANUEL 1774 METROMEDICAL DRIVE FAYETTEVILLE 28304	OBG 026 A AC 919 323-4155	WARDEN, CLARK GERARD 212 CEDARWOOD LANE CARRBORO 27510	GS 032 A R 919 967-9414
WALKER, LAWRENCE CRUMPLER, JR. 2927 LYNDBURST AVENUE WINSTON-SALEM 27013	OBG 034 A AC 919 765-9350	WALSH, CARLE DOUGLAS 921 CONFEDERATE AVENUE SALISBURY 28144	D 080 A * L/RT 704 636-2466	WARLICK, JOHN THOMAS, III 631 COX ROAD GASTONIA 28052	U 036 A AC 704 864-7764
WALKER, PAUL CREASY 510 FLEMING ST. HENDERSONVILLE 28739	FP 045 AC 704 693-7287	WALSH, EMMETT JAMES, JR. 2 DOCTOR'S PARK GREENVILLE 27834	U 074 A AC 919 752-5077	WARNER, CHARLES ERNEST 1700 ABBEY PLACE CHARLOTTE 28209	PD 060 A AC 704 523-7232
WALKER, PHILLIP JACKSON 928 BAXTER ST. CHARLOTTE 28204	NEP /IM 060 A AC 704 374-1321	WALSH, ZANE THOMAS, JR. 4801 LEONARD PARKWAY RICHMOND, VA 23226	PM 074 A R	WARNER, JEANETTE PRESTON 206 W. BLACKBEARD ROAD WILMINGTON 28403	065 A AC 919 343-7000
WALKER, PRESTON ALMAND TAYLOR HALL DOROTHEA DIX HOSPITAL RALEIGH 27611	CHP /P 092 A AC 919 733-5130	WALSTON, ABE, II 306 S. GREGSON STREET DURHAM 27705	CD /IM 032 A AC 919 682-5561	WARNER, MARK FRANCIS 1202 MEDICAL CENTER DR. WILMINGTON 28401	CD /IM 065 A AC 919 763-8251
WALKER, RICHARD ISLEY N. C. MEMORIAL HOSPITAL CHAPEL HILL 27514	IM /HEM 032 AC 919 966-4546	WALTER, PAUL ANDREW, JR. 2832 FAIRMONT ROAD WINSTON-SALEM 27106	AN 034 A AC 919 768-7680	WARREN, CASPER CARL, JR. RT. #6, BOX 368 MOORESVILLE 28115	AN 060 A AC 704 664-1640
WALKER, THOMAS ENGLISH 226 BALDWIN AVENUE CHARLOTTE 28204	PD 060 A AC 704 332-8139	WALTERS-SCHERRER, BARBARA A. 417 COLONY WOODS DR. CHAPEL HILL 27514	032 A R 919 968-4652	WARREN, HAROLD DRAPER 2333 ROLLING HILLS ROAD FAYETTEVILLE 28304	IM 026 A AC 919 484-1735
WALKER, WILLIAM ALFRED 2028 RANDOLPH RD. CHARLOTTE 28207	CRS /GS 060 A * AC 704 333-1259	WALTERS, BRADFORD BLAIR UNC-NEUROSURGERY BURNETT-WOMACK BLDG 229H CHAPEL HILL 27514	NS 032 A * AC 919 966-1374	WARREN, JEFFERY STEVEN C/O W. JEFF WARREN 227 W. MARSH ST. SALISBURY 28144	EM /GS 032 A R
WALKER, WILLIAM RAY 3109 GORDON DRIVE GREENVILLE NC 27858	P 074 A AC 919 551-2661	WALTERS, HENRY CEPHAS, JR. 509 BROOKDALE DR. STATESVILLE 28677	IM 049 A P * AC 704 872-6343	WARREN, JOSEPH BENJAMIN 203 PINE ROAD NEW BERN 28560	GP 025 A * AC 919 637-5888
WALKER, WILLIAM THOMAS 202 S. CHERRY ST. KERNERSVILLE 27284	FP 034 A L/RT 919 993-2011	WALTERS, HEZEKIAH GROVER, JR. 711 N. THOMPSON STREET WHITEVILLE 28472	GS 024 A AC 919 642-3214	WARREN, JULIAN MARION P. O. BOX 1120 SPRING HOPE 27882	FP 064 * AC 919 478-4600
WALKER, WILLIAM THOMAS, JR. #5 MEDICAL PARK MOREHEAD CITY 28557	IM 016 A * AC 919 726-9091	WALTHER, PHILIP JOHN BOX 3314, DUMC DURHAM 27710	U 032 A AC 919 684-5235	WARREN, LARRY E. 503 SUNNYBROOK ROAD RALEIGH 27610	IM 092 A AC 919 755-8394
WALKER, WILLIAM WAYNE ASHHURST 608 LINDEN DR. EDEN 27288	D 079 A AC 919 627-8585	WALTON, CAREY JAMES, JR. P. O. BOX 1020 322 MULBERRY ST., SW LENOIR 28645	IM /GE 014 L/RT 704 758-5544	WARREN, MELINDA BAREFOOT 528 SUWANEE CIRCLE DAVIS ISLAND TAMPA, FL 33606	OBG 074 A R
WALL, JACK GARDNER ROUTE #4, BOX 682 GRAHAM 27253	DR 001 AC 919 226-0198	WALTON, GEORGE BRITAIN, JR. P. O. BOX 345 CHADBOURN 28431	R/NM 024 A AC 919 642-8011	WARREN, THOMAS LARRY PO BOX 2227 HICKORY 28603	OBG 018 A AC 704 322-4920
WALL, ROSCOE LEGRAND, JR. 440 SHERWOOD FOREST ROAD WINSTON-SALEM 27104	GYN /END 034 A L/RT 919 765-3383	WALTON, RICHARD FRANK 491 BILTMORE AVE. ASHEVILLE 28801	FP 011 A AC 704 258-0635	WARREN, THOMAS LINSON 4401 COLWICK RD., STE. 702 CHARLOTTE 28211	AN 060 AC 704 379-5943
WALL, WILLIAM STANLEY 330 S. W. MAIN STREET ROCKY MOUNT 27801	GP 064 A P L 919 446-4952	WANNAMAKER, EDWARD JONES RT. #3, BOX 250 CHARLOTTE 28210	IM 060 L/RT 704 372-5125	WARSHAUER, ALBERT DAVID 1608 E. FIFTH STREET GREENVILLE 27858	AN 074 A RT 919 752-5296
WALLACE, ANDREW G. BOX 3708, DUMC DURHAM 27710	CD 032 A AC 919 684-5414	WARBURTON, KEELING ALFRED P. O. BOX 5128 HIGH POINT 27262	OBG 040 A AC 919 887-3011	WARSHAUER, SAMUEL EDWARD 1514 DOCTORS CIRCLE WILMINGTON 28401	IM /CD 065 A L 919 762-1813
WALLACE, DONALD KAI 205 PAGE ROAD PINEHURST 28374	IM /GE 063 A * AC 919 295-5511	WARBURTON, MARK JOSEPH 624 QUAKER LANE, SUITE D-200 HIGH POINT 27262	ORS 040 AC 919 885-5095	WARWICK, HIGHT CLAUDIUS 2320 KIRKPATRICK PLACE GREENSBORO 27408	AN 041 A L/RT 919 272-4220
WALLACE, JOHN MORRIS P. O. BOX 1489 ALBEMARLE 28001	PTH 084 A * AC 704 982-0148	WARBURTON, SAMUEL WOODWARD, JR. 407 CRUTCHFIELD STREET DURHAM 27704	FP 032 AC 919 471-4421	WASHBURN, HARRILL GENE P. O. BOX 815 BOILING SPRINGS 28017	FP 023 AC 704 434-2281
WALLACE, KELLEY, JR. 330 N. MARKET ST. CHOCOWINITY 27817	PS /GS 007 A AC 919 946-2223	WARD, D. E., JR. 2604 N. ELM STREET LUMBERTON 28358	GS 078 A P * AC 919 738-4276	WASHBURN, WILLARD WYAN P. O. BOX 795 BOILING SPRINGS 28017	GP /FP 023 A L/RT 704 434-7910
WALLACE, ROBERT BRUCE 3101 ANDOVER CIRCLE GASTONIA 28054	EM 036 A AC 704 867-2580	WARD, DEMMING MORTON 319 MOCKSVILLE AVENUE SALISBURY 28144	IM 080 A * AC 704 637-3538	WASHINGTON, JOHN LANGTRY 316 GRAHAM-HOPEDALE RD. BURLINGTON 27215	OBG /FP 001 AC 704 739-7445
WALLENBORN, PETER AMBROSE, III 4 LYNNWOOD ROAD ASHEVILLE 28804	OTO 011 A * AC 704 252-1853	WARD, JOHN CHARLES 410 LAKE PINES DRIVE LAGRANGE 28551	OM 054 A RT 919 566-3119	WASHINGTON, MARY KAY 503 E. TRINITY AVE. DURHAM 27701	PTH 032 A S 919 688-0297
WALLENHAUPT, STEPHEN L. 300 S. HAWTHORNE RD. WINSTON-SALEM 27103	CDS 034 A AC 919 748-2281	WARD, JOHN THOMAS 3100 BLUE RIDGE RD., STE. 200 RALEIGH 27612	OPH 092 A AC 919 787-2211	WASSEL, JOHN JOSEPH PO BOX 1606 CONCORD 28026	ORS 013 A AC 704 788-3155

WATANABE, TSUNEO KENT 101 S. W. CARY PARKWAY CARY 27511	OTO /HNS 092 A AC 919 467-7380	WEAVER, JOSEPH DUDLEY 111 N. MAPLE STREET AHOSKIE 27910	FP 008 L/RT 919 332-2196	WEINERTH, JOHN LOUIS DUKE, DEPT. OF SURGERY DURHAM 27710	U/GS 032 A AC 919 684-4157
WATERS, DEAN GALE 708 S. SOUTH STREET MOUNT AIRY 27030	OBG 086 AC 919 786-4522	WEAVER, MICHAEL DAVID 1711 W. SIXTH STREET GREENVILLE 27834	DR 074 A * AC 919 756-7923	WEINRICH, A. ELISE 2609 N. DUKE ST. STE. 505 DURHAM 27704	D 032 A P * AC 919 477-2121
WATERS, ZACK JAMES, JR. 604 E. 12TH STREET WASHINGTON 27889	GS 007 A AC 919 946-9004	WEAVER, R. GREY, JR. 771 REAFORD ROAD WINSTON-SALEM 27104	PD 034 * AC 919 748-4091	WEINSTEIN, ROBERT HARVEY 2595 S. 17TH ST. WILMINGTON 28401	P 065 A P AC 919 799-2283
WATKINS, CARLTON GUNTER 3500 ELLINGTON STREET CHARLOTTE 28211	PD 060 A AC 704 372-7790	WEAVER, ROY ALBERT CAPE FEAR HOSPITAL PO BOX 2000 FAYETTEVILLE 28302	PTH 026 A AC 919 323-6149	WEINTRAUB, RICHARD ALAN 721 GREEN VALLEY RD. GREENSBORO 27408	CD /IM 041 A P AC 919 378-1244
WATKINS, GLEN LEE BOX 804 NSGA FPO MIAMI, FL 34053	GP 000 A R 809 795-7380	WEAVER, ZEBULON, III 80 VICTORIA ROAD ASHEVILLE 28801	HEM /ON 011 * AC 704 258-0994	WEIS, WALTER FRANCIS, JR. 5305 WRIGHTSVILLE AVE. BLDG. C WILMINGTON 28403	ORS 065 AC 919 799-9417
WATKINS, WALTER DAVID BOX 3081, DUMC DURHAM 27710	AN /PA 032 A AC 919 681-2498	WEBB, ALEXANDER, JR. 2708 FAIRVIEW ROAD RALEIGH 27608	GS 092 A L/RT 919 781-3469	WEISENBERGER, ANTHONY JOSEPH P. O. BOX 5534 ASHEVILLE 28813	P 011 A * AC 704 253-3681
WATSON, DAVID WILLIAM 1900 RANDOLPH RD., STE. 506 CHARLOTTE 28207	U 060 AC 704 375-2544	WEBB, BAILEY APT. 14, ALASTAIR COURT APTS. 300 SWIFT AVE. DURHAM 27705	PD 032 A L 919 286-2202	WEISLER, RICHARD HARRY 3320 EXECUTIVE DR. STE. 216 RALEIGH 27609	P 092 A P AC 919 782-4672
WATSON, JAMES MORRIS 1134 N. ROAD STREET ELIZABETH CITY 27909	ORS 070 A AC 919 338-3993	WEBB, DUANE DAVID 300 CLUB PINES DR. GREENVILLE 27834	IM /GE 074 A AC 919 748-3606	WEISNER, LARRY FELIX #12 COUNTRY MANOR APTS. GREENVILLE 27834	074 A S 919 758-9272
WATSON, JERRY FRANKLIN EIGHTH ST. PO BOX 789 N. WILKESBORO 28659	GS 097 A AC 919 667-1183	WEBB, LAWRENCE XAVIER 300 S. HAWTHORNE RD. WINSTON-SALEM 27103	ORS 034 A AC 919 748-3606	WEISS, JAMES RICHARD 400 EASTOWN DR., STE. 102 CHAPEL HILL 27514	P 032 * AC 919 489-2671
WATSON, JOHN WILLIAM 104 NEW COLLEGE STREET OXFORD 27565	FP 039 A AC 919 693-8126	WEBB, MICHAEL STEPHEN, JR. 229-A BRIDGEFIELD PLACE DURHAM 27705	032 A S 919 383-4960	WEISS, JOSEPH WALTON 522 N. ELAM AVENUE, STE. 203 GREENSBORO 27403	P 041 A AC 919 854-2391
WATSON, NAT ERSKINE, JR. 766 OAKLAWN AVENUE WINSTON-SALEM 27104	NM /IM 034 A AC 919 748-3520	WEBB, ROBERT KENT PO BOX 42736 FAYETTEVILLE 28304	NEP /IM 026 A AC 919 484-8114	WEISS, MATTHEW JAY 910 CONSTITUTION #1003 DURHAM 27705	GER 032 A R 919 383-9755
WATSON, RICHARD BALDWIN 816 ARCHDALE DR. DURHAM 27707	AN 032 A R 919 684-6255	WEBB, WILLIAM WHITAKER, JR. 400-C MOCKSVILLE AVENUE SALISBURY 28144	D 080 A AC 704 636-0971	WEISS, RICHARD ELLIOTT 7 MCDOWELL STREET ASHEVILLE 28801	NS 011 A AC 704 255-7776
WATSON, ROBERT ANDREW 803 HERMITAGE ROAD BURLINGTON 27215	FP /GER 001 AC 919 227-3643	WEBER, ERIC D. 2 CARSON CIRCLE DURHAM 27705	NS 032 A R 919 383-0465	WEISSLER, MARK C. 610 BURNETT-WOMACK BLDG. 229H UNC SCHOOL OF MEDICINE CHAPEL HILL 27514	OTO /HNS 032 * AC 919 966-3341
WATSON, SUSAN A. 115 LONG CIRCLE ROANOKE RAPIDS 27870	OPH 042 A AC 919 539-8193	WEBER, GLENDA H. P. O. BOX 809 CLEMMONS 27012	PTH 034 A AC 919 768-7680	WEISSMAN, JAMES MICHAEL 1904 N. CHURCH STREET GREENSBORO 27405	GE /IM 041 A * AC 919 274-3241
WATTS, CHARLES DEWITT 510 SIMMONS STREET DURHAM 27701	GS /ABS 032 AC 919 688-3391	WEBER, JOEL MICHAEL 1045-C BANK ST. WINSTON-SALEM 27101	034 A S 919 722-6775	WEITZNER, STANLEY WALLACE 417 LYONS ROAD CHAPEL HILL 27514	AN 032 A AC 919 684-2425
WATTS, HUGH BOYD 130 MOCKSVILLE AVE. SALISBURY 28144	ORS 080 A P AC 919 726-1136	WEBER, STEPHEN F. 2772 ASBURY LANE WINSTON-SALEM 27103	034 A R 919 760-2621	†WEIZENBLATT, SPRINZA C/O TRUST DEPARTMENT DECEASED - 4-5-87 ASHEVILLE 28802	OPH 011 A L 919 752-2140
WATTS, LESTER EARL 300 S. HAWTHORNE RD. WINSTON-SALEM 27103	CD /IM 034 A AC 919 748-4581	WEBSTER, GEORGE DAVID DUMC, DIV. OF UROLOGY DURHAM 27710	U 032 A AC 919 684-2516	WELANDER, CHARLES ERIC 300 S. HAWTHORNE RD. WINSTON-SALEM 27103	GYN /ON 034 A AC 919 748-4022
WAUGH, WILLIAM HOWARD ECU SCHOOL OF MEDICINE GREENVILLE 27834	NEP /IM 074 A AC 919 551-2773	WEBSTER, JOEL STOOPS 2330 RANDOLPH AT LAUREL CHARLOTTE 28207	CD /IM 060 A AC 704 377-0575	WELBORN, JAMES TODD 17 E. SECOND AVENUE LEXINGTON 27292	FP 029 A AC 704 246-5625
WAY, BRADY COLE 3 MEDICAL PARK MOREHEAD CITY 28557	GS 016 A AC 919 726-1136	WECHSLER, ANDREW STEPHEN DUKE UNIV. MED. CTR. DURHAM 27710	CDS /GS 032 A AC 919 684-5282	WELBORN, JULIUS WARREN, JR. 200 E. NORTHWOOD ST., STE. 310 GREENSBORO 27401	IM /OM 041 A AC 919 273-0872
WAY, JOHN EDWARD #3 MEDICAL PARK MOREHEAD CITY 28557	GS 016 A L 919 726-1136	WEDDLE, RICHARD ANDREW 808 SCHENCK ST. SHELBY 28150	GE /IM 023 A AC 704 482-1482	WELCH, CARL LESTER 221 13TH AVE. PL. NW HICKORY 28601	FP 018 A AC 704 322-5800
WEADON, PRESTON STENZ 475 KING WILLIAM ROAD HENDERSONVILLE 28739	NS 045 A RT 704 697-6857	WEEKS, DUKE BYRON 2615 TALLWOOD COURT WINSTON-SALEM 27106	AN 034 A AC 919 748-4791	WELCH, EARL PARKS, JR. 2825 LYNDRHURST AVE. STE. 105 WINSTON-SALEM 27103	GS /TS 034 A AC 919 760-3112
WEAR, JOHN EDMUND 102 MOCKSVILLE AVE., #206 SALISBURY 28144	R 080 A P AC 704 633-1022	WEEKS, JOHN WESLEY 902 COX ROAD GASTONIA 28054	OBG 036 A AC 704 867-6386	WELCH, JACK H. PHYSICIANS QUADRANGLE GREENVILLE 27834	AN 074 A P AC 919 752-2140
WEARN, FRANKLIN STAFFORD P. O. BOX 1746 STATESVILLE 28677	GS /EM 049 A AS 704 872-9494	WEEKS, KENNETH DURHAM 1400 BROOKWOOD DR. PO BOX 7828 ROCKY MOUNT 27804	IM /CD 064 A L 919 977-6746	WELFARE, CHARLES RANDALL 1113 STANDISH COURT WINSTON-SALEM 27106	IM 034 A L/RT 919 723-3856
WEAST, ROBERT RANDOLPH STE. 301, 445 BILTMORE CENTER ASHEVILLE 28801	DR 011 A AC 704 254-2371	WEEKS, KENNETH DURHAM, JR. 125 BALDWIN AVENUE CHARLOTTE 28204	IM /CD 060 A AC 704 338-6300	WELLBORN, WILLIAM REVERE, JR. 300 AVERY AVENUE MORGANTON 28655	OBG 012 L/RT 704 437-1924
WEATHERLY, WILLIAM JESSE 1014 PROFESSIONAL VILLAGE GREENSBORO 27401	GS 041 A AC 919 373-1078	WEIDAW, HAROLD RICHARD P. O. BOX 1835 PINEHURST 28374	AI /IM 063 A AC 919 295-6661	WELLER, EDWARD BROOKS 624-D 200 QUAKER LANE HIGH POINT 27262	ORS 040 AC 919 885-5095
WEATHERS, BAILEY GRAHAM, JR. 222 S. MAIN STREET STANLEY 28164	FP 036 A AC 704 263-8945	WEILBAECHER, JAMES EDWARD, JR. 129 MCDOWELL STREET ASHEVILLE 28801	ORS 011 A P AC 704 258-8800	WELLMAN, DAVID KENTON 2413 MONT HAVEN DR. DURHAM 27712	GS /EM 032 A AC 919 383-5055
WEAVER, EDWARD HARRISON 190 CHARLOIS BLVD. WINSTON-SALEM 27103	P 034 A AC 919 768-6930	WEIN, ROBERT MICHAEL 408 PARKWAY GREENSBORO 27401	OBG 041 A AC 919 378-1110	WELLS, ANDREW HENDERSON 1715 ELIZABETH AVE. WINSTON-SALEM 27103	034 A S 919 761-0895
WEAVER, JAMES PHILLIP 1830 HILLDALE ROAD DURHAM 27705	GS /CDS 032 A AC 919 383-5531	WEINEL, WILLIAM HARVEY 1809 GLEN MEADE ROAD WILMINGTON 28403	GYN 065 A AC 919 763-9833		

WELLS, CHARLES LEWIS CAPE FEAR VALLEY MED. CTR. PO BOX 2000 FAYETTEVILLE 28302	PTH 026 A AC 919 323-6149	WHANGER, ALAN DUANE 1712 WOODBURN ROAD DURHAM 27705	P 032 AC 919 684-2545	WHITE, MACK WILLIS, III 7108 MATTHEWS-PINEVILLE RD. CHARLOTTE 28226	IM 060 A AC 704 542-1952
WELLS, DAVID MORELLE 802 CUMBERLAND CIRCLE ROCKINGHAM 28379	DR 077 A P AC 919 997-6311	WHARTON, C. WATSON 201 W. MEADOWBROOK DRIVE SMITHFIELD 27577	GP 051 A L/RT 919 934-8257	WHITE, MICHAEL CRAIG 8362 RIM LINE SAN ANTONIO, TX 78251	D 000 A R 512 670-7731
WELLS, EDWIN JULIUS 2209 DELANEY AVENUE WILMINGTON 28403	PS 065 A AC 919 763-7617	WHATLEY, JOSEPH WILLIAM, JR. 2919 COLONY ROAD DURHAM 27705	PDA /A 032 A AC 919 489-9158	WHITE, PHILIP FLETCHER P. O. BOX 1827 ROCKINGHAM 28379	GP 077 A L 919 895-5253
WELLS, HELEN LEWIS 503 PEACHTREE STREET MURPHY 28906	GP 020 AC 704 837-2515	WHEATLEY, JAMES WALTER 500 LAKE CONCORD RD., NE CONCORD 28025	OPH 013 A AC 704 782-1127	WHITE, RANDAL EARL 407 CEDARHURST RD. GREENVILLE 27834	RHU 074 AC 919 752-6101
WELLS, JAMES SHELTON, JR. ROUTE #3, BOX 456 HILLSBOROUGH 27278	P/PMY 032 A P AC 919 967-6353	WHEATLEY, SAMUEL NALLY BALDWIN WOODS WHITEVILLE 28472	OBG 024 AC 919 642-3294	WHITE, STEVEN MERLE 301 BOWMAN GRAY DR. GREENVILLE 27834	OPH 074 A P * AC 919 758-5800
WELLS, MARIUS HUGHEY NEWLAND MED. BLDG. 11 GALLIMORE RD. BREVARD 28712	GS 088 A AC 704 884-9030	WHEELER, ANTHONY H. 1900 BRUNSWICK AVE. CHARLOTTE 28207	N 060 AC 704 377-9323	WHITE, TERRY EDWARD PO BOX 15025 ASHEVILLE 28813	PM 011 A AC 704 274-2400
WELLS, RHEUDOLPH JAMES 602 PASTEUR DRIVE GREENSBORO 27403	OTO /PS 041 A AC 919 292-5818	WHEELER, CLAYTON EUGENE, JR. NCMH, DEPT. OF DERMATOLOGY CHAPEL HILL 27514	D/IM 032 AC 919 966-4507	WHITE, THOMAS HUGH 1851 E. THIRD STREET CHARLOTTE 28204	OBG 060 AC 704 332-8103
WELLS, ROBERT STANLEY 445 BILTMORE CTR., STE. 407 ASHEVILLE 28801	IM 011 A AC 704 258-0397	WHEELER, MICHAEL STEVENS 15 SQUIRREL DEN DRIVE RUTHERFORDTON 28139	PTH 081 A P AC 704 287-7371	WHITE, THOMAS RHYNE 10724 PARK ROAD CHARLOTTE 28210	FP 060 A AC 704 542-9227
WELLS, WARNER LEE 109 PARK PLACE #4 CHAPEL HILL 27514	GS 032 L/RT 919 968-0069	WHEELER, REBECCA RUSSELL 1200 N. ELM ST. GREENSBORO 27401	IM /ID 041 AC 919 379-4062	WHITE, WILLIAM ELLIOTT 2711 RANDOLPH RD., STE. 301 CHARLOTTE 28207	PD 060 A AC 704 332-6332
WELTON, DAVID GOE 3535 RANDOLPH RD. STE. W101 CHARLOTTE 28211	D 060 A * L 704 364-6110	WHELESS, THOMAS O. 948 N. MAIN STREET LOUISBURG 27549	FP /GER 035 A AC 919 496-3375	WHITE, WILLIAM HENRY, JR. 109-A S. VANCE STREET SANFORD 27330	OBG 053 A AC 919 775-2304
WEN, DENNIS Y. DOCTORS PARK APTS. L-13 GREENVILLE 27834	074 A S 919 758-5954	WHELISS, JOHN ANGUS 2800 BLUE RIDGE BLVD. STE. 407 RALEIGH 27607	OPH 092 A AC 919 781-7402	WHITEHURST, LEE ALBERT 3515 GLENWOOD AVENUE P. O. BOX 10707 RALEIGH 27605	ORS 092 A AC 919 781-5600
WENZEL, FREDERICK GEORGE 102 HOSPITAL DR., STE. 12 CLYDE 28721	GS 044 AC 704 456-8624	WHETSELL, DOUGLAS WAYNE 1756 METROMEDICAL DR. FAYETTEVILLE 28304	IM /PUD 026 A AC 919 323-1322	WHITEHURST, WALTER CLAYTON, JR. 201 DEBORAH DRIVE JACKSONVILLE 28540	R 067 A AC 919 577-2274
WERK, EMILE EUGENE, JR. 2131 S. SEVENTEENTH STREET WILMINGTON 28401	IM /END 065 A AC 919 343-0161	WHICKER, CHARLES FINCH BRUSHY MOUNTAIN OB-GYN ASSOC. A MEDICAL ARTS BLDG. N. WILKESBORO 28659	OBG 097 A AC 919 667-1156	WHITENER, BETTY LOU P. O. BOX 220 OAK RIDGE, LA 71264	FP 039 A AC 318 647-3720
WERTMAN, DANIEL EDWARD, JR. DURHAM GEN. HOSP-RAD. DURHAM 27704	R 032 A P AC 919 471-3411	WHICKER, JAMES HUBERT 3010 ANDERSON DRIVE P. O. BOX 18946 RALEIGH 27619	OTO 092 A AC 919 787-7171	WHITENER, DONALD LEONARD 2927 LYNDRHURST AVENUE WINSTON-SALEM 27103	OBG 034 A AC 919 765-9350
WERTMAN, MARK GRAHAM PO DRAWER 1694 TRIANGLE PLAZA NEW BERN 28560	ORS 025 A AC 919 637-4477	WHICKER, WINFRIY EVANS P. O. BOX 595 CHINA GROVE 28023	FP 080 A AC 704 857-1108	WHITENER, ROBERT WILFONG 1024 PROFESSIONAL VILLAGE GREENSBORO 27401	P 041 AC 919 274-1250
WEST, GEORGE HARPER 109 AIRPORT ROAD KINSTON 28501	IM /CD 054 A AC 919 522-3661	WHISNANT, JOHN KEENAN, JR. 237 HUNTINGTON DR. CHAPEL HILL 27514	PD /ON 032 AC 919 248-4160	WHITESIDE, JOHN HARVEY 150 PROVIDENCE ROAD CHARLOTTE 28207	OBG 060 A AC 704 377-0461
WEST, ROBERT LEE ECU SCHOOL OF MEDICINE GREENVILLE 27834	PTH 074 A P * AC 919 551-4496	WHISNANT, JOSEPH DURWOOD, JR. 3136 SUNSET AVE. ROCKY MOUNT 27801	U 064 A AC 919 443-3136	WHITESIDES, DANIEL BAXTER 4404 CHESHIRE CT. DURHAM 27705	OBG /END 032 A R 919 383-8731
WESTER, MILLARD WINSTON, JR. VANCE MED. ARTS BLDG. #A HENDERSON 27536	FP 091 A AC 919 492-3152	WHITAKER, DONALD NASH 2016 CAMERON STREET RALEIGH 27605	FP 092 L/RT 919 832-0343	WHITESIDES, EDWARD STEELE 902 COX ROAD, SUITE D GASTONIA 28054	ORS 036 A AC 704 864-6723
WESTER, THADDEUS BRYAN 1001 BRIGHTHURST DR., APT. 101 RALEIGH 27605	PD /PH 078 A AC 919 738-7231	WHITAKER, DONALD NASH, JR. 140 LECLINE DRIVE, NE CONCORD 28025	CD 013 AC 704 788-3367	WHITFIELD, PETER WHITE 201 E. WENDOVER AVE. GREENSBORO 27401	ORS 041 A AC 919 274-1957
WESTFALL, ARLIE HAROLD 4300 FAYETTEVILLE ROAD DECEASED-5-23-87 LUMBERTON 28358	OBG 078 A AC 919 738-9601	WHITAKER, JAMES ALLEN 624 FALLS ROAD ROCKY MOUNT 27804	U 064 A L 919 442-3516	WHITLEY, ROBERT RILEY P. O. BOX 1689 REIDSVILLE 27320	FP 079 AC 919 349-5040
WESTON, BRENT WILLIAM 301 OLD FOX TRAIL DURHAM 27713	PD 032 R 919 489-1765	WHITAKER, JAMES ALLEN, III 1700 S. TARBORO ST. WILSON 27893	CD /IM 098 A AC 919 291-1300	WHITLOCK, GARY THOMAS, III 201 S. COLLEGE #1370 CHARLOTTE 28244	060 A AC 704 373-2121
WESTON, JONATHAN D. 495 N. CLEVELAND AVE. WINSTON-SALEM 27101	OBG 034 A AC 919 725-8874	WHITAKER, RICHARD HARPER 120 N. CHERRY ST. KERNERSVILLE 27284	GP 034 A L/RT 919 993-3838	WHITNEY, PAMELA JOYCE 3320 EXECUTIVE DR., STE. 218 RALEIGH 27609	N 092 A AC 919 872-0940
WESTON, LYNDA RIGSBEE 610 COLISEUM DR. CHILD GUIDANCE CENTER WINSTON-SALEM 27106	P 034 AC 919 723-3571	WHITE, DOUGLAS RECTOR BOWMAN GRAY, DEPT. OF MED. WINSTON-SALEM 27103	HEM /ON 034 A AC 919 748-4380	WHITWORTH, CLAUDE PHILLIP RT. 3, BOX 315 BB FOREST CITY 28043	IM 081 AC 704 286-9036
WETTER, JAMES MICHAEL 1601-B OWEN DRIVE FAYETTEVILLE 28306	FP 026 A AC 919 323-1152	WHITE, EMMETT ROYCE BOX 10 RUTHERFORD COLLEGE 28671	TR /R 012 A AC 704 879-9541	WHYTE, THOMAS M. 2619 S. WRIGHT RD. GREENVILLE 27834	FP 074 R 919 551-4611
WHALEN, ROBERT EMMET DUKE UNIV. MED. CTR. DURHAM 27710	CD /IM 032 A AC 919 684-6315	WHITE, FRANKLIN DELANO P. O. BOX 567 SILER CITY 27344	FP 019 A AC 919 663-2761	WICKER, JOSEPH BEAMAN PHYSICIANS QUAD., BLDG. F GREENVILLE 27834	AN 074 A P AC 919 752-2140
WHALEY, JAMES DAVANT 138-A S. BATTERY CHARLESTON, SC 29401	U 018 A L/RT 803 722-9998	WHITE, GROVER WATTS 631 COX ROAD GASTONIA 28054	U 036 A AC 704 864-7764	WIDENER, HERBERT LLOYD 1350 S. KINGS DRIVE CHARLOTTE 28207	RHU /IM 060 AC 704 372-8750
WHALEY, ROBERT ALLAN 748 SHADYLAWN ROAD CHAPEL HILL 27514	DR /N 032 AC 919 966-4397	WHITE, JAMES ALFRED, JR. 2240 CLOVERDALE AVE.-#198 WINSTON-SALEM 27103	PTH 034 A AC 919 722-1154	WIDNER, LARRY ALLEN 1310 KENSINGTON DR. HIGH POINT 27260	R 040 A AC 919 887-1926
		WHITE, JAMES LEE GEORGETOWN UNIV. HOSPITAL DEPT. OF ANESTHESIA WASHINGTON, DC 20007	AN 060 A R	WIEGAND, STEVEN FREDERICK 10305 WHITESTONE ROAD RALEIGH 27609	EM /FP 092 A AC 919 848-9471

WIER, FRED EUGENE 506 WOOD ST. TROY 27371	GS /CDS 062 A AC 919 572-3737	WILLHIDE, MARGARET JANE P. O. BOX 1460 STATESVILLE 28677	PD /A 049 AC 704 873-0281	WILLIAMS, RUSSELL WARREN PO BOX 911 KITTY HAWK 27949	FP 070 AC 919 261-3848
WIGGINS, JOHN CARROLL, JR. 1121 PARTRIDGE LANE WINSTON-SALEM 27106	IM 034 A L/RT 919 765-5334	WILLIAMS, CHARLES D. 734 LANSLOWNE RD. CHARLOTTE 28226	PUD /IM 060 A AC 704 366-6687	WILLIAMS, SAMUEL CLAY 2637 AUDUBON DR. WINSTON-SALEM 27106	IM 034 A AC 919 722-3838
WIGGINS, THOMAS BARNES 2508 MOUNT SALEM ROAD PFAFFTOWN 27040	DR 034 A R 919 922-1364	WILLIAMS, CHARLES EMERY 285 MCDOWELL STREET ASHEVILLE 28803	OTO /HNS 011 * AC 704 252-1853	WILLIAMS, WARREN HERBERT 431 S. YORK ST. GASTONIA 28052	P 036 A AC 704 788-8400
WIGGS, WILLIAM J., JR. 201 PINERIDGE DR. GREENVILLE 27834	074 A S	WILLIAMS, DAVID LEON 540 N. W. BROAD STREET SOUTHERN PINES 28387	IM /HEM 063 A AC 919 692-2061	WILLIAMS, WILLIAM MARION, III 2131 S 17TH STREET WILMINGTON 28402	PTH /CLP 065 A AC 919 343-7074
WILCOX, BENSON REID 108 BURNETT-WOMACK UNC, 229-H CHAPEL HILL 27514	CDS 032 A AC 919 966-3381	WILLIAMS, DAVID R., JR. H-7 CAROLINA APTS. CARRBORO 27510	032 A S	WILLIAMS, WILLIAM THOMAS, JR. MAIN ST., BOX 1570 DAVIDSON 28036	IM /PD 060 A AC 704 892-7905
WILCOX, WILLIAM DAVID 116 CRUTCHFIELD ST. DURHAM 27704	OPH 032 A AC 919 477-8050	WILLIAMS, DAVID ROBERT 200 ARTHUR DRIVE THOMASVILLE 27360	PD 029 * AC 919 475-2348	WILLIAMSON, JOSEPH EDWARD PITT MEMORIAL HOSPITAL GREENVILLE 27834	EM /FP 074 A * AC 919 753-2628
WILEY, JERRY WILLIAM 4700 WESTMINSTER DR. RALEIGH 27604	PD 092 * AC 919 733-2833	WILLIAMS, EDWARD SUTHERLIN 306 S. GREGSON STREET DURHAM 27701	IM /CD 032 A AC 919 682-5561	WILLIAMSON, JOYCE M. 3535 RANDOLPH ROAD, 101-W CHARLOTTE 28211	D 060 A AC 704 364-6110
WILFERT, CATHERINE M. MINOCK BOX 2951, DUMC DURHAM 27710	PD /ID 032 * AC 919 684-6610	WILLIAMS, ERNEST COUNCIL 3618 CLUB COLONY DR., W. GASTONIA 28054	GS /TS 036 A RT 704 864-1417	WILLIAMSON, ROSSIE MARSHALL 3004 WEDGEWOOD DR. CEDAR CREEK VILLAGE N. MYRTLE BEACH, SC 29582	GP 024 A * L/RT 803 249-2126
WILFONG, ROBERT FARRINGTON 2713 NEUSE BLVD. NEW BERN 28560	NS 025 A P AC 919 633-6070	WILLIAMS, JACK DEAN 209-B LEE ST. PO BOX 1968 SHELBY 28150	OTO 023 A P * AC 704 487-9088	WILLIAMSON, WARREN LIGON 295 WEST 27TH STREET LUMBERTON 28358	GS 078 AC 919 738-8556
WILHELMSEN, BRUCE 117 MEDICAL DRIVE GREENVILLE 27834	ORS 074 A AC 919 758-1777	WILLIAMS, JOHN DUDLEY, JR. 1715-A W. MARKET ST. GREENSBORO 27403	GYN 041 L 919 272-8833	WILLIFORD, JOHN KENNETH P. O. BOX 579 LILLINGTON 27546	FP 043 A * AC 919 893-3392
WILKERSON, ANNIE LOUISE 100 S. BOYLAN AVENUE RALEIGH 27603	OBG /GYN 092 A L 919 832-5529	WILLIAMS, JOHN HOWARD 145 JEFFERSON ST., APT. C-6 HARTFORD, CT 06106	IM 000 R 203 549-5971	WILLIFORD, PHILLIP MABON P. O. BOX 1249 WHITEVILLE 28472	IM 024 A AC 919 642-8157
WILKERSON, EARL RANDOLPH, JR. 3535 RANDOLPH ROAD CHARLOTTE 28211	OPH 060 A AC 704 364-8576	WILLIAMS, JOHN HOWARD PARDEE MEMORIAL HOSPITAL HENDERSONVILLE 28739	R 045 AC 704 693-0797	WILLIFORD, ROBERT EARL 208 FOUST STREET ASHEBORO 27203	FP 076 A AC 919 625-4000
WILKERSON, JACK WINFIELD P. O. BOX 1966 GREENVILLE 27834	FP 074 A AC 919 752-7133	WILLIAMS, JOHN MARK ECU SCHOOL OF MED. DEPT. OF SURGERY GREENVILLE 27858	CDS 074 A AC 919 551-4822	WILLIS, H.S.K., JR. 125 W. CENTRAL AVE. MOUNT HOLLY 28120	FP /AM 036 A AC 704 827-5876
WILKERSON, LOUIS REAMS 100 S. BOYLAN AVENUE RALEIGH 27603	OBG 092 A AC 919 832-5529	WILLIAMS, KENAN BANKS 3175 MAPLEWOOD AVENUE WINSTON-SALEM 27103	PD 034 A AC 919 768-7030	WILLIS, LARRY FRANKLIN 335 E. PARKER ROAD MORGANTON 28655	OPH 012 AC 704 433-6220
WILKINS, EZRA BROOKS 6204 GAINSBOROUGH DR. RALEIGH 27612	FP 092 AC 919 782-0146	WILLIAMS, LARRY THOMAS 354 SIXTH ST., NW HICKORY 28601	AN 018 A AC 704 322-0870	WILLIS, ROBERT FREDERICK 204 S. MAIN STREET HOPE MILL 28348	FP 026 A P * AC 919 424-6644
WILKINS, KENNETH WORTH P. O. BOX 1977 GOLDSBORO 27530	096 A AC 919 735-1253	WILLIAMS, LYNWOOD EARL 2114 HARDEE ROAD KINSTON 28501	IM 054 L/RT 919 522-3753	WILLIS, STEPHEN EDGAR 1748 BEAUMONT DR. GREENVILLE 27834	FP 074 A AC 919 551-4611
WILKINS, KENNETH WORTH, JR. 702 NEWMAN ROAD MCCARTHY SQUARE NEW BERN 28560	IM 025 AC 919 633-5333	WILLIAMS, MARTIN KEITH F-6 DOCTORS PARK APTS. GREENVILLE 27834	074 A S 919 752-8619	WILLITS, BRUCE KIRBY P. O. BOX 1808 LAURINBURG 28352	OBG 083 A AC 919 276-4432
WILKINS, LUCIEN SANDERS 1202 MEDICAL CENTER DRIVE WILMINGTON 28401	GE 065 A * AC 919 763-8251	WILLIAMS, MCCHORD 3954 CHURCHILL ROAD CHARLOTTE 28211	GS 060 A L 704 364-5363	WILLMOT, MICHEAL HENRY PO BOX 993 THOMASVILLE 27360	GS 029 A AC 919 472-4433
WILKINS, ROBERT HENRY DUMC, DIV. OF NEUROSURGERY DURHAM 27710	NS 004 A AC 919 684-2549	WILLIAMS, PAUL FORRESTER 711 HERMITAGE ROAD BURLINGTON 27215	IM 001 A AC 919 226-9317	WILLSON, CHARLES FREDERICK 1800 W. FIFTH ST. GREENVILLE 27834	PD 074 A * AC 919 752-7141
WILKINSON, CHARLES ALBERT 1501 MEDICAL CENTER DRIVE WILMINGTON 28401	GS /TS 065 AC 919 763-6289	WILLIAMS, PAUL FRANKLIN 200 MEMORIAL DRIVE JACKSONVILLE 28540	OBG 067 A AC 919 353-2115	WILSHIRE, LARRY BRENT 825 GUM BRANCH RD., STE. 133 JACKSONVILLE 28540	OPH 067 A AC 919 346-2444
WILKINSON, JAMES SPENCER, JR. 107 HARROW CIRCLE GREENVILLE 27834	000 A R 919 758-3812	WILLIAMS, R. BERTRAM, JR. 1414 MEDICAL CENTER DRIVE WILMINGTON 28401	GS /TS 065 A P * AC 919 763-7363	WILSON, A. ROSS, JR. 401 N. HERMAN ST. GOLDSBORO 27530	OTO 096 A AC 919 735-9146
WILKINSON, JAMES SPENCER, SR. 215 BRYAN BLDG. RALEIGH 27605	D 092 A * L 919 832-6044	WILLIAMS, RANDAL JAMES P. O. BOX 2588 HICKORY 28603	OPH 018 A AC 704 322-2050	WILSON, B. HADLEY 1960 RANDOLPH RD. CHARLOTTE 28207	CD 060 A AC 704 373-1503
WILKINSON, ROBERT HOLDEN, JR. BOX 3949, DUMC DURHAM 27710	NM /R 032 A AC 919 681-2711	WILLIAMS, RANDOLPH MEADE 117 MEDICAL DRIVE GREENVILLE 27834	ORS 074 A AC 919 758-1777	WILSON, CATHERINE MARIE 143 ASHELAND AVENUE ASHEVILLE 28801	OBG 011 A P AC 704 258-9191
WILL, THOMAS AUGUSTINE P. O. BOX 515 DALLAS 28034	GP 036 A AC 704 922-3106	WILLIAMS, RHODERICK THOMAS, JR 114 WOODLAND ROAD ROANOKE RAPIDS 27870	DR 042 AC 919 535-2121	WILSON, CATHY JO 138 IVY DR. CHARLOTTESVILLE, VA 22901	AN 000 R 804 296-8084
WILLCOCKSON, WILLIAM S. 503 SHARON ROAD CHAPEL HILL 27514	EM 001 A AC 919 228-1371	WILLIAMS, ROBERT 2305 HATHAWAY ROAD RALEIGH 27608	DR 092 A L/RT 919 833-5645	WILSON, CHARLES HARRISON 1317 N. ELM ST., STE. 1 GREENSBORO 27401	CDS /TS 041 A AC 919 373-8245
WILLE, CARL RICHARD DOCTOR'S PK, BLDG. 1 GREENVILLE N C 27834	OPH 074 A AC 919 758-4166	WILLIAMS, ROBERT BARCLAY 21 FISHERS MILL DR. COLUMBIA, SC 29206	034 A S	WILSON, CLARENCE LAFAYETTE, II 1809 GLEN MEADE ROAD WILMINGTON 28403	OBG 065 A AC 919 763-9833
WILLETT, EUGENE STANLEY 111 VICTORIA AT OAKLAND ROAD ASHEVILLE 28801	ORS 011 A AC 704 252-7331	WILLIAMS, ROBERT CYRUS, JR. FAIRGROVE CHURCH ROAD BOX 2484 HICKORY 28603	OTO 018 A P * AC 704 322-3725	WILSON, FRANK CRANE N. C. MEMORIAL HOSPITAL CHAPEL HILL 27514	ORS 032 A AC 919 966-3359
WILLETT, ROBERT W. 2800 BLUE RIDGE BLVD. STE 503 RALEIGH 27607	IM /N 092 AC 919 782-7500	WILLIAMS, ROBERT LEE 2004 CLAXTON DRIVE WINSTON-SALEM 27107	PD 034 A AC 919 785-0037	WILSON, FRANK ELMORE ROUTE #3, LEONA ROAD LENOIR CITY, TN 37771	PH /GPM 000 RT 615 986-6315

WILSON, HENRY VANPETERS, III 3535 RANDOLPH RD., 201-W CHARLOTTE 28211	GS /TS 060 A AC 704 364-8100	WINSTEAD, JOHN LINDSAY, JR. SUITE #1, MEDICAL PAVILION 1800 W. FIFTH ST. GREENVILLE 27834	GS 074 A AC 919 752-2159	WOOD, KENNETH ERVIN 1350 S. KINGS DRIVE CHARLOTTE 28207	ORS 060 AC 704 372-8750
WILSON, JACK KENNEDY, JR. 637 S. KERR AVENUE WILMINGTON 28401	IM 065 AC 919 799-1810	WINTER, KENNETH HOWE 3307 WALDRON DRIVE GREENSBORO 27408	R 041 A AC 919 855-8972	WOOD, SHERROD NEWBERRY 111 RAILROAD STREET ENFIELD 27823	GP 042 A AC 919 445-5233
WILSON, JACK KENNEDY, SR. 1908 HAWTHORNE ROAD WILMINGTON 28403	GP 065 A RT 919 763-5536	WINTERS, RICHARD RIZER WALKER 1425 GLENBURNIE RD. NEW BERN 28560	PS 025 A P AC 919 637-6800	WOOD, WILLIAM BAINSTER UNC, 231 MACNIDER BLDG. CHAPEL HILL 27514	IM /PUD 032 A * AC 919 962-2118
WILSON, JAMES STEPHENSON 1830 HILLDALE ROAD DURHAM 27705	GS 032 A L 919 383-5531	WISE, DANIEL EDWIN 1350 S. KINGS DRIVE CHARLOTTE 28207	CD 060 AC 704 372-8750	WOOD, WILLIAM LUPTON, SR. P. O. BOX 367 YADKINVILLE 27055	GP 086 A L/RT 919 679-8689
WILSON, LAWRENCE STEVEN VALDESE DOCTORS' CLINIC P. O. BOX 700 VALDESE 28690	U 012 A P AC 704 874-4890	WISE, FRED EUGENE, JR. 1350 S. KINGS DRIVE CHARLOTTE 28207	DR 060 A AC 704 372-8750	WOODALL, HAL BREEN BOX 878 KENLY 27542	IM 098 A AC 919 284-5151
WILSON, MOSES ELLUED 140 N. ENGLEWOOD DR. ROCKY MOUNT 27801	OBG 064 AC 919 937-6611	WISE, JOHN EDNEY 1624 N. CENTER STREET HICKORY 28601	IM 018 A AC 704 328-2094	WOODALL, LEONARD SCHMICH 711 NORTH STREET SMITHFIELD 27577	OBG 051 A AC 919 934-7696
WILSON, PATRIC ALOYSIUS 10A CEDAR VILLAGE CHAPEL HILL 27514	032 A S 919 967-8931	WISSING, JOEL ALLEN 1611 E. THIRD ST. CHARLOTTE 28204	R 060 A AC 704 333-0224	WOODARD, BARNEY LEON P. O. BOX 129 KENLY 27542	GP 051 A L 919 284-3080
WILSON, ROBERT LEWIS, JR. 2418 JEFFERSON AVE. WINSTON-SALEM 27103	034 A S 919 722-4588	WITHERINGTON, DEXTER THOMPSON P. O. BOX 1316 KINSTON 28501	GS 054 A RT 919 522-1626	WOODARD, JERRY CLEON 1700 S. TARBORO ST. WILSON 27893	GE /IM 098 A P * AC 919 291-1300
WILSON, ROEBY BRYANT 1330 W. SECOND AVENUE GASTONIA 28052	GP 011 A L/RT 704 865-3940	WITHERS, ABNER CARR BOX 38 DREXEL 28619	FP 012 AC 704 437-3694	WOODARD, MARSHALL WAYNE 607 FLATIRON BUILDING ASHEVILLE 28801	OPH 011 A AC 704 252-5668
WILSON, SAMUEL ALLEN 710 E. PARK DR. LINCOLNTON 28092	GP 055 A L/RT 704 735-8548	WITHERS, LARRY DALE 150 ELLERSLIE DR. FAYETTEVILLE 28303	AN 026 A P * AC 919 864-5117	WOODARD, PAMELA K. 201 ALEXANDER ST. APT. AA DURHAM 27705	032 A S 919 684-7402
WILSON, STEPHEN GLENN, SR. P. O. BOX 158 ANGIER 27501	GP 043 A L/RT 919 639-2574	WITHERS, SYDNOR TERRY, JR. 5305 WRIGHTSVILLE AVE. BLDG. E WILMINGTON 28403	IM /FP 065 AC 919 791-5426	WOODARD, PAUL RICHARD 1825 ST. MARY'S ST. RALEIGH 27608	AN 092 A AC 919 755-8000
WILSON, THOMAS BARNETTE 501 E. WHITAKER MILL RD. 405-A RALEIGH 27608	PTH 092 A L/RT 919 839-0250	WITHERS, SYDNOR TERRY, SR. 905 N. QUEEN STREET KINSTON 28501	D 054 A P * AC 919 523-3289	WOODARD, SABRA ALDERMAN 1825 ST. MARY'S STREET RALEIGH 27608	R/NM 092 A AC 919 755-3023
WILSON, VIRGIL ARCHIBALD 4193 DIMHOLT COURT WINSTON-SALEM 27104	AN 034 A AC 919 765-8452	WITTEN, ERNEST ROBERT SIDNEY 80 WEMBLEY RD. ASHEVILLE 28804	IM 011 A AC 704 253-5707	WOODARD, WARREN LEWIS, III 420 RALEIGH AVE. BIRMINGHAM, AL 35209	IM /HEM 060 A R 205 934-2080
WILSON, WILLIAM LENOIR WEDGEWOOD APT. #23 740 E. SMALLWOOD DR. RALEIGH 27605	PH 092 A L/RT 919 828-2940	WITTENBERG, PETER HERBERT GASTON MEM. HOSP. PO BOX 1747 GASTONIA 28053	PTH 036 AC 704 866-2851	WOODLEY, DAVID TIMOTHY NCMH, DEPT. OF DERM., ROOM 137 A CHAPEL HILL 27514	D/IM 032 A AC 919 966-4506
WILSON, WILLIAM PRESTON P. O. BOX 2347 BURLINGTON 27215	P 032 A AC 919 229-6049	WITTSTEIN, PETER BRIAN 1904 TRADD COURT WILMINGTON 28401	OPH 065 AC 919 762-0057	WOODRUFF, LEON FESTUS, JR. 2800 BLUE RIDGE, BLVD., STE. 502 A RALEIGH 27607	OBG 092 A * AC 919 781-5510
WIMMER, JOHN EASTER, JR. ECU SCHOOL OF MEDICINE GREENVILLE 27834	NPM 074 A AC 919 551-4787	WITWER, TIMOTHY SLAYTON 1207 N. ROAD ST. ELIZABETH CITY 27909	IM /FP 070 A AC 919 335-4351	WOODRUFF, RALPH DUTTON BOWMAN GRAY, DEPT. OF PATH. WINSTON-SALEM 27103	PTH 034 AC 919 748-4311
WINFIELD, HEBER GREY, III 250 18TH ST. CIRCLE, SE HICKORY 28602	ORS 018 AC 704 322-5172	WOFFORD, BENJAMIN 105 N. MAIN AVENUE NEWTON 28658	GP 018 A AC 704 464-3321	WOODRUFF, WILLIAM WALTER, III PO BOX 5007 HIGH POINT 27262	DR 032 A R 919 592-7860
WINFIELD, JOHN BUCKNER UNC DEPT. OF MEDICINE CHAPEL HILL 27514	RHU /IM 032 AC 919 966-4191	WOLANSKI, TERENCE PHILIP 118 MEMORIAL DRIVE JACKSONVILLE 28540	PUD /IM 067 AC 919 353-1811	WOODRUFF, LEON FESTUS, JR. 2800 BLUE RIDGE, BLVD., STE. 502 A RALEIGH 27607	OBG 092 A * AC 919 781-5510
WING, RICHARD LEE PO BOX 32861 CHARLOTTE MEM. HOSPITAL CHARLOTTE 28232	OBG 060 A AC 704 338-3149	WOLFBERG, BERNARD 17 CUB DR. THOMASVILLE 27360	P 029 AC 919 475-8184	WOODRUFF, WILLIAM WALTER, III PO BOX 5007 HIGH POINT 27262	DR 032 A R 919 592-7860
WINGERT, JOHN GEORGE 1955 RANDOLPH ROAD CHARLOTTE 28207	OBG 060 A AC 704 376-3536	WOLFE, ANN FIERRO 6912 HUNTERS WAY RALEIGH 27615	PD 092 * AC 919 733-3816	WOODS, JON POINTON 113 PUREFOY ROAD, APT. D CHAPEL HILL 27514	032 A S 919 942-0654
WINGFIELD, THOMAS WHETSELL 629 TORRENCE DRIVE GASTONIA 28052	AN 036 AC 704 864-2499	WOLFE, JOHN RICHARD 2933 MAPLEWOOD AVENUE WINSTON-SALEM 27103	IM /RHU 034 A P AC 919 765-1640	WOODS, THOMAS J. CROFFORD WOODSIDE PROF. BLDG. CLINTON 28328	OPH /EM 082 A AC 919 592-7860
WINKER, JOEL EDWARD P. O. BOX 1208 RUTHERFORDTON 28139	OBG 081 A AC 704 287-7383	WOLFE, WALTER GEORGE BOX 3507, DUMC DURHAM 27710	CDS /TS 032 A AC 919 684-4117	WOODWARD, ROBERT WARREN 517 WOODROW ST. PO BOX 448 REIDSVILLE 27320	OBG 079 AC 919 342-6161
WINN, BARBARA JANE PETERS 605 PEDEN STREET LAURINBURG 28352	IM 083 AC 919 276-6637	WOLFF, GEORGE THOMAS 1016-A PROFESSIONAL VILLAGE GREENSBORO 27401	FP 041 A AC 919 379-1156	WOODWORTH, ALFRED HERMAN 3930 SWEETBRIAR RD. WILMINGTON 28403	FP /EM 065 AC 919 392-3216
WINSLOW, FRANCIS EDWARD, JR. 3001 ESSEX CIRCLE RALEIGH 27608	PD 092 A AC 919 782-0021	WOLFMAN, NEIL TURNER BOWMAN GRAY, DEPT. OF RAD. WINSTON-SALEM 27103	R 034 A AC 919 748-2471	WOODWORTH, THOMAS BELL 1657 OWEN DRIVE FAYETTEVILLE 28304	FP 026 A AC 919 484-6540
WINSLOW, JAMES ELBERT 609 PROFESSIONAL DR. ROXBORO 27573	FP 073 A P AC 919 599-9258	WOLICKI, KAROL T. 321 W. WENDOVER AVE. GREENSBORO 27408	OTO 041 A AC 919 379-9445	WOODY, JOE HARRIS 4335 COLWICK RD. CHARLOTTE 28211	OPH 060 A P * AC 704 364-7400
WINSLOW, JAMES WEEKS 101 CLINIC DRIVE TARBORO 27886	FP 033 A AC 919 823-2105	WOLTZ, JOHN HENRY EARLY 150 PROVIDENCE ROAD CHARLOTTE 28207	GYN 060 A L 704 377-0461	WOODY, JOHN W. AUSTIN 900 LYNN ROAD TRYON 28782	FP 075 A L/RT 704 859-9483
WINSLOW, ROBERT BROWN 2501 NORTH ST., STE. 500 RALEIGH 27607	PS /GS 092 AC 919 782-7762	WOMBLE, JAMES CORNELIUS 170 PENMOKEN PARK LEXINGTON, KY 40503	A R 606 278-3081	WOOTEN, CECIL WILLIAM, JR. P. O. BOX 1577 KINSTON 28501	GP 054 L/RT 919 523-3496
		WOMBWELL, JOSEPH 2417 BRUTON DURHAM 27706	ORS /HS 032 A R 919 489-9312	WOOTEN, ELEANOR JANE H. 904 WILLIAMSON DRIVE RALEIGH 27608	PD /PH 092 AC 919 832-4097
				WOOTEN, JOHN LEMUEL 6 MEDICAL PAVILION GREENVILLE 27834	ORS 074 A AC 919 752-4613
				WOOTEN, STEPHEN LAMONT #6 MEDICAL PAVILION GREENVILLE 27834	074 A AC 919 752-4613

WOOTEN, WAYNE BROWN 102 MOCKSVILLE AVE. #206 SALISBURY 28144	DR 080 AC 704 633-1023	WRIGLEY, RUTH LEYMEISTER 4516 RANDOLPH RD., #131 CHARLOTTE 28211	FP /P 060 A AS 704 366-5479	YONGUE, JUDITH S. 107-C COMMERCE ST. GREENVILLE 27834	P/FP 074 A * AC 919 355-2768
WORDE, BOYD THOMAS BOX 3085, DUKE HOSPITAL DECEASED - 3-19-87 DURHAM 27710	TR 032 A AC 919 684-3742	WU, JUSTIN JA-LI BOX 2826, DUMC DURHAM 27710	032 A S 919 781-7251	YOPP, JAMES DENNIE, JR. 602 FORSYTH MEDICAL PARK WINSTON-SALEM 27103	CD /IM 034 A P AC 919 765-4871
WORDEN, NEIL ASHTON 116 ROWAN STREET FAYETTEVILLE 28301	FP 026 A P AC 919 483-0463	WU, WALLACE CHI LI 300 S. HAWTHORNE RD. WINSTON-SALEM 27103	GE /IM 034 AC 919 748-4603	YORK, SHELLEY CLYDE, JR. 1300 LEXINGTON AVENUE THOMASVILLE 27360	GS 029 AC 919 475-2376
WORF, RICHARD CHARLES 508 WOOD STREET TROY 27371	FP 062 AC 919 572-3656	WYCHE, JOSEPH THOMAS RT. #7, BOX 30 WHITEVILLE 28472	FP 024 A L/RT 919 642-2706	YOSHINO, PAUL HARUTAKA 1315 MORRENE RD. APT. 27-J DURHAM 27705	A S 919 383-6059
WORKMAN, JOSEPH BERKELEY 219 COUNTRY CLUB DRIVE DURHAM 27712	NM /IM 032 A AC 919 681-2711	WYMAN, JOHN SHELDON 715 FLEMING ST. HENDERSONVILLE 28739	EM /IM 045 AC 704 693-6522	YOUNCE, LAURA L. H. 4361 JOHNSBOROUGH CT., APT 78 WINSTON-SALEM 27104	A S 919 768-5971
WORLAND, DAVID ERIC 1816 PEMBROKE RD., STE. #2 GREENSBORO 27408	AN 041 AC 919 272-3720	WYMAN, ROBERT WEST 110 WADDELL STREET SELMA 27576	FP 051 A AC 919 965-3055	YOUNG, CHARLES GIBSON 403 W. HARRISON STREET P. O. BOX 359 REIDSVILLE 27320	IM /OM 079 AC 919 349-5536
WORLEY, GORDON, III 307 BIRCH CIRCLE CHAPEL HILL 27514	PD 032 AC 919 683-6890	WYNIA, VIRGIL HOWARD 3020 NEW BERN AVE. #420 RALEIGH 27610	CD /IM 092 A AC 919 781-7557	YOUNG, CHARLES RICHARD 102 DAVID DR., F-2 GREENVILLE 27834	A S 919 752-2918
WORLEY, JAMES HARR 675 BILTMORE AVENUE ASHEVILLE 28803	GS 011 A L 704 254-2361	WYNN, ROY SPURGEON 1721 OAKLAWN AVENUE CHARLOTTE 28216	OPH 060 A RT 704 332-2035	YOUNG, CLINTON DRIVER 1018 N. ELM STREET GREENSBORO 27401	PUD /A 041 A AC 919 275-7238
WORTH, THOMAS CLARKSON 500 LAKE BOONE TRAIL RALEIGH 27608	R 092 A * L/RT 919 787-6449	WYNN, TONJA MICHELLE 136-B PUREFOY RD. CHAPEL HILL 27514	032 A S 919 929-4216	YOUNG, DANIEL TEST UNC.338 CLINICAL SCI. 229-H CHAPEL HILL 27514	CD /IM 032 AC 919 966-4602
WORTMAN, JAMES EDWARD 715 FOREST HILLS DRIVE WILMINGTON 28403	ON /HEM 065 A AC 919 763-5182	WYSOR, WILLIAM GEOFFREY, JR. 306 S. GREGSON STREET DURHAM 27701	IM /GE 032 A AC 919 682-5561	YOUNG, DAVID ALEXANDER 615 ST. MARY'S STREET RALEIGH 27605	P/PYA 092 A L 919 834-0821
WORTMAN, WILLIAM J., JR. 2711 RANDOLPH RD. #309 CHARLOTTE 28207	GYN /OBS 060 AC 704 376-1580	YADAV, SANJAY SINGH BOX 3053, DUMC DURHAM 27710	N /IM 032 A R 919 286-2352	YOUNG, GARRET PINKNEY 711 WASHINGTON AVE. AYDEN 28513	A S 919 830-1915
WOTRING, JAMES WILLIAM, JR. P. O. BOX 38 HICKORY 28601	OBG 018 A AC 704 322-4140	YANCY, WILLIAM SAMUEL 306 S. GREGSON STREET DURHAM 27701	PD /ADL 032 A AC 919 688-6349	YOUNG, JOHN ADAM, II 1600 E. THIRD STREET CHARLOTTE 28204	OPH 060 A AC 704 372-3300
WRAY, RICHARD HENRY, III 15 MEDICAL PARK MOREHEAD CITY 28557	TS /GS 016 AC 919 247-2101	YANG, FRANK YUN-PU NC MEMORIAL HOSPITAL HOUSESTAFF MAIL ROOM, SURGERY CHAPEL HILL 27514	GS 032 A R 919 966-4131	YOUNG, JOHN CLINGMAN 271 FAIRWAY DRIVE ASHEVILLE 28805	GP 011 A L/RT 704 298-8362
WRENN, RICHARD NICKLES 1822 BRUNSWICK AVENUE CHARLOTTE 28207	ORS 060 A AC 704 373-0544	YAP, ELSA DUMAUG CABARRUS MEMORIAL HOSPITAL CONCORD 28025	PTH 013 A AC 704 788-5987	YOUNG, KYLE ALLEN P. O. BOX 13005 GREENSBORO 27405	DR 041 A AC 919 379-4144
WRIGHT, CHARLES NEWBOLD PO BOX 328 JARVISBURG 27947	FP 070 P AC 919 491-2446	YARBOROUGH, JESSE GRAHAM, JR. RT. 1, BOX 125 CATAWBA COVE RD. BELMONT 28012	AN 036 AC 919 876-2732	YOUNG, MICHAEL HARRILL 50 DOCTOR'S DR., STE. 215 ASHEVILLE 28801	N /IM 011 A P AC 704 252-6066
WRIGHT, DAVID ORLO CHOWAN MEDICAL CENTER EDENTON 27932	FP 021 A AC 919 482-2116	YARBOROUGH, MICHAEL FRANCIS 3400 EXECUTIVE DR. STE. 104 PO BOX 17200 RALEIGH 27619	GS /TS 092 A AC 919 876-2732	YOUNG, NOEL WILLIAM, JR. 2609 N. DUKE STREET DURHAM 27704	OPH 032 A AC 919 471-8495
WRIGHT, DEBRA J. ECU SCHOOL OF MEDICINE DEPT. OF OB-GYN GREENVILLE 27834	OBG 074 AC 919 757-4191	YARBROUGH, JOHN WARD 2750 LAUREL STREET, STE. 305 COLUMBIA, SC 29204	TS 041 AC 803 254-5140	YOUNG, PETER RUSSELL 1317 N. ELM ST., STE. 5 PO BOX 10037 GREENSBORO 27404	GS 041 A * AC 919 274-8444
WRIGHT, ELIZABETH ANN 420 N. CENTER ST. HICKORY 28601	N 018 A AC 704 327-4419	YARBROUGH, WENDELL GRAY 320 ASHLEY FOREST RD. CHAPEL HILL 27514	032 A S 919 924-2447	YOUNG, ROBERT LASSITER, JR. 103 WEST 27TH STREET LUMBERTON 28358	PD 078 AC 919 739-3318
WRIGHT, EUGENE EDWARD, JR. 1738 METROMEDICAL DR. FAYETTEVILLE 28304	IM 026 A AC 919 323-2503	YARLEY, DEWEY HOBSON 2609 N. DUKE STREET DURHAM 27704	IM 032 A AC 919 471-8481	YOUNG, WILLIAM BEAUREGARD 1700 S. TARBORO ST. WILSON 27893	IM /CD 098 A AC 919 291-1300
WRIGHT, JAMES RHODES 528 WADE AVENUE RALEIGH 27605	OTO /OPH 092 A * L 919 834-8251	YEAGER, CHARLES FRANK 4205 LIVINGSTONE PLACE DURHAM 27707	TR /PTH 032 A R 919 286-9229	YOUNG, WILLIAM GLENN, JR. DUKE UNIV. MED. CTR. DURHAM 27710	TS /CDS 032 A AC 919 684-2037
WRIGHT, JAMES THURMAN 108 FRONT STREET BELHAVEN 27810	GP 007 A L 919 943-2375	YEH, FLORA MEI-CHING 4408-B AMERICAN DR. DURHAM 27705	032 A S 919 286-9229	YOUNG, WILLIAM LEE, III 210 13TH AVENUE PLACE, N.W. HICKORY 28601	FP 018 A AC 704 328-2941
WRIGHT, JOHN EVERETT P. O. BOX 348 FUQUAY-VARINA 27526	GP 092 A * L/RT 919 552-2728	YELLIG, EDWARD BOOTH 2800 BLUE RIDGE BLVD. STE. 503 RALEIGH 27607	IM 092 AC 919 782-7500	YOUNG, WILLIAM P. W. UNC STUDENT HEALTH SERVICE CHAPEL HILL 27514	ADL /PD 032 AC 919 966-2281
WRIGHT, JOHN HERMAN, JR. 2901 MAPLEWOOD AVENUE WINSTON-SALEM 27103	PS /GS 034 A AC 919 765-8620	YENNEY, MATTHEW F.J., JR. 1031 NOELL LANE PO BOX 111 ROCKY MOUNT 27802	R /NM 064 AC 919 443-9101	YOUNGBLOOD, ROBERT WATKINS 1201 BROOKSIDE DRIVE WILSON 27893	GS /TS 098 A AC 919 291-7001
WRIGHT, JOHN JOSEPH 105 LAUREL HILL CIRCLE CHAPEL HILL 27514	PH 032 A L/RT 919 942-4557	YODER, CHARLES DEWAYNE 50 DOCTOR'S DR., STE. 304M ASHEVILLE 28801	PD /NPM 011 AC 704 253-1998	YOUNGS, FRANKLIN JAY WILSON MEMORIAL HOSPITAL WILSON 27893	R 098 A AC 919 399-8457
WRIGHT, PAUL HARLAN 1901 HILLDALE ROAD DURHAM 27705	ORS 032 A P * AC 919 383-1511	YOFFE, ELIZABETH HARRER PO BOX 30098 RALEIGH HEM/ONCOLOGY CLI. RALEIGH 27622	ON /HEM 092 AC 919 781-7070	YOUNT, ERNEST HARSHAW, JR. 2800 GREENWICH ROAD WINSTON-SALEM 27104	IM 034 A L/RT 919 748-4678
WRIGHT, RICHARD BRANDON, JR. 102 MOCKSVILLE AVENUE SALISBURY 28144	FP 080 L 704 633-6010	YOFFE, MARK PO BOX 30098 RALEIGH HEM/ONCOLOGY CLI. RALEIGH 27622	ON /HEM 092 AC 919 781-7070	YOUNT, JAMES ALVIN 3535 RANDOLPH ROAD CHARLOTTE 28211	CD /CD 060 A AC 704 365-0760
WRIGHT, ROBERT L. 409 CARTHAGE ST. SANFORD 27330	OPH 053 A AC 919 776-7549	YONGUE, ALFRED HARRIS MEDICAL PAVILION, SUITE #9 GREENVILLE 27834	P 074 A AC 919 758-3145	YOUNT, WILLIAM JAY UNC.932 FLOB BLDG. 231-H CHAPEL HILL 27514	RHU /A1 032 AC 919 966-4191
WRIGHT, WALTER LEE 1908 ELEANOR ST. KINSTON 28501	OPH 054 A AC 919 522-1611			YOWELL, ROBERT KLUTTZ 2609 N. DUKE ST., STE. 204 DURHAM 27704	OBG 032 A AC 919 471-8402

YUHA, KIM LEIGH PEELER 4906 KELLYWOOD CIRCLE GLEN ALLEN, VA 23060	PD 000 A R 804 747-1460	ZARZAR, NICHOLAS S. D-7 VILLAGE GREEN CONDOS CHAPEL HILL 27514	9 032 A R 919 967-8003	ZIMMERMAN, CAROL FRANCES 784 N. STRATFORD ROAD WINSTON-SALEM 27104	OPH /N 034 A R 919 748-3500
YUDELL, ROBERT BENJAMIN 309 S. LAUREL AVENUE CHARLOTTE 28207	OPH 060 A P AC 704 372-4380	ZEALY, A. H. 105 N. CLAIRORNE GOLDSBORO 27530	GP 096 A L/RT 919 734-1534	ZIMMERMAN, GERALD DAVID MERCY HOSPITAL 2001 VAIL AVE. CHARLOTTE 28207	R/NM 060 A AC 704 379-5860
YUE, BYONG HAK 1810 GLEN MEADE ROAD WILMINGTON 28403	GS 065 A AC 919 762-1730	ZEEDICK, JOHN FRANCIS IVAN P. O. BOX 1950 SMITHFIELD 27577	AN /PUD 051 A * AC 919 934-5213	ZIMMERN, SAMUEL HYAMS 1960 RANDOLPH ROAD CHARLOTTE 28207	CD /IM 060 A AC 704 373-1503
YUN, PAUL TAJEN PO BOX 1284 MARION 28752	GP 059 A P AC 704 652-3351	ZEITLER, KENNETH DALE PO BOX 30098 RALEIGH HEM/ONCOLOGY CLI. RALEIGH 27622	HEM /ON 092 AC 919 781-7070	ZINKE, DAVID PO BOX 40 EDNEYVILLE 28727	FP 045 AC 704 685-7045
YURKO, ANTHONY ANDREW ROUTE #1, BOX 440 TRYON 28782	GS 075 A RT 704 859-5133	ZEKAN, PATRICIA JOAN 300 S. HAWTHORNE ROAD WINSTON-SALEM 27103	ON /IM 034 A AC 919 748-2075	ZIPP, ROBERT EUGENE, JR. NASH GENERAL HOSPITAL ROCKY MOUNT 27801	PTH /FOP 064 AC 919 443-8043
YURKO, JOHN EVANS 15 MEDICAL PARK MOREHEAD CITY 28557	GS 016 AC 919 247-2101	ZELDIN, DARRYL C. 4800 UNIVERSITY DR. DURHAM 27707	IM 032 A R 919 286-3909	ZISLIS, PAUL DAVID 1002 WILLOW DR. #58 CHAPEL HILL 27514	P 032 A R 919 933-7750
ZACK, PETER GEORGE 3827 SYLVAN DR. WILMINGTON 28403	PD 065 AC 919 791-7031	ZELLER, DONALD JOHN 1210 LARKHALL CT. CARY 27511	FP 092 AC 919 782-0146	ZOLLINGER, RICHARD WILLIAM, II 1900 RANDOLPH RD., STE. 206 CHARLOTTE 28207	TS /CDS 060 A AC 704 372-1306
ZAGORIA, RONALD JAY 300 S. HAWTHORNE RD. DEPT. OF RADIOLOGY WINSTON-SALEM 27103	DR 034 A R 919 748-4316	ZELLINGER, MICHAEL JAY WAKE HEART ASSOCIATES PO BOX 14427 RALEIGH 27620	CD /IM 092 AC 919 832-9253	ZOTA, RAMNIKAL JECHAND 116 CAMPUS AVENUE RAEFORD 28376	FP 047 AC 919 875-8106
ZAMMIT, ROBERT PAUL 406 FORSYTH MEDICAL PARK WINSTON-SALEM 27103	OBG 034 A AC 919 765-2232	ZELLNER, ERIC EUGENE 103 COUNTRY CLUB DR. CONCORD 28025	FP /EM 013 AC 704 788-1140	ZUBER, THOMAS JOHN PO BOX 699 BENSON 27504	FP 051 AC 919 894-2011
ZANOLLI, MICHAEL DOMINIC 300 S. HAWTHORNE RD. WINSTON-SALEM 27103	D 034 A AC 919 748-2768	ZELLNER, ERIC G. B. 2129 ROLLING HILLS RD. FAYETTEVILLE 28304	PM 026 A P AC 919 323-6036	ZUCKER, JOSEPH 107 W. KING ST. KINGS MOUNTAIN 28086	ORS 023 A AC 704 739-0151
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ZAROFF, WENDY ANNE 3-J POST OAK RD. DURHAM 27705	032 A S 919 383-7827	ZETTL, MATTHEW LEE 15 MEDICAL PARK MOREHEAD CITY 28557	ORS 016 AC 919 247-2101	ZWERLING, CHARLES SAMUEL WHISPERING PINE ACRES ROUTE #9, BOX 241-0 GOLDSBORO 27530	OPH /A 096 AC 919 778-2266
ZARZAR, NAKHLEH PACIFICO 3125 GLENWOOD PROF. VILL. BLDG. H RALEIGH 27608	P 092 A AC 919 782-0166	ZICH, MICHAEL JOHN 608 TILGHMAN DR. DUNN 28334	OBG 043 A AC 919 892-4092	ZYLANOFF, PHILLIPA LOUISE 523 UWHARRIE ST. ASHEBORO 27204	AN 076 A P AC 919 625-5151

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SCHWINN, DEBRA ANNE BOX 3094, DUMC DURHAM 27710	AN 032 A 919 493-3168	TOOTHMAN, DONALD E. 487 47TH AVE. SAN FRANCISCO, CA 94121	000 A 415 387-5140	WIGGINS, THOMAS BARNES 2508 MOUNT SALEM ROAD PFAFFTOWN 27040	DR 034 A 919 922-1364
SEIGNIOUS, DAVID WAYNE 1117 WOODHAVEN DR. CHARLESTON, SC 29407	IM 065 A	TRAVIS, JO MARLENE 45 HARDING AVENUE BRANFORD, CT 06405	AN 032 A 203 481-7026	WILKINSON, JAMES SPENCER, JR. 107 HARROW CIRCLE GREENVILLE 27834	000 A 919 758-3812
SHAFFNER, SUSAN CASPER 127 HILLSIDE AVE. CHARLOTTE 28209	PD 060 A P 704 332-7539	TURPIN, JAMES WESLEY 231 FOREST HILL ROAD CHAPEL HILL 27514	OM 032 A 919 942-4743	WILLIAMS, JOHN HOWARD 145 JEFFERSON ST., APT. C-6 HARTFORD, CT 06106	IM 000 203 549-5971
SHUGART, MARGARET ANN 1713 AVONDALE DR. DURHAM 27701	P 032 A 919 688-9003	VAN TASSEL, ERIC D. 410 EDELAND PLACE BIRMINGHAM, AL 35209	IM/CD 032 A 919 942-4810	WILSON, CATHY JO 138 IVY DR. CHARLOTTESVILLE, VA 22901	AN 000 804 296-8084
SIEFKER, JOSEPH DANIEL 1605 EDGEVALE RD. DURHAM 27705	OTO 032 A 919 688-1816	VIDAILLET, HUMBERTO JESUS, JR. 2403 ALPINE RD. DURHAM 27707	032 A 919 489-8639	WOMBLE, JAMES CORNELIUS 170 PENMOKEN PARK LEXINGTON, KY 40503	032 A 606 278-3081
SIMONS, WILLIAM JOHN 9 W. AVON PARKWAY ASHEVILLE 28804	011 704 258-9635	VISER, PAUL EDWARD 6704 ROCKWOOD RD. LITTLE ROCK, AR 72207	IM 000 A 501 663-9386	WOMBWELL, JOSEPH 2417 BRUTON DURHAM 27706	ORS/HS 032 A 919 489-9312
SMALL, KENT WILSON 3775 GUESS ROAD #23 DURHAM 27705	OPH 032 A 919 684-6611	WALKER, DANA SHERRICK 2100 BRICKHAVEN DR. GREENSBORO 27407	FP 034 A	WOODARD, WARDEN LEWIS, III 420 RALEIGH AVE. BIRMINGHAM, AL 35209	IM/HEM 060 A 205 934-2080
SMITH, HELEN ELIZABETH 3312-L CIRCLE BROOK DR. SW ROANOKE, VA 24014	032 A 703 772-3071	WALLER, BRENDA SUE 408-B SPAUGH ST. WINSTON-SALEM 27101	034	WOODRUFF, WILLIAM WALTER, III PO BOX 5007 HIGH POINT 27262	DR 032 A
SMITH, MICHAEL ALSON 1325 EDENFIELD DR. FT. WALTON BEACH, FL 32548	FP 000 A 919 383-4326	WALSH, ZANE THOMAS, JR. 4801 LEONARD PARKWAY RICHMOND, VA 23226	PM 074 A	YADAV, SANJAY SINGH BOX 3053, DUMC DURHAM 27710	N/IM 032 A 919 286-2352
SMITH, MICHAEL LEE 1412 S. CHAMBERS CIRCLE AURORA, CO 80012	PD/D 000 A	WALTERS-SCHERRER, BARBARA A. 417 COLONY WOODS DR. CHAPEL HILL 27514	032 A 919 968-4652	YANG, FRANK YUN-PU NC MEMORIAL HOSPITAL HOUSESTAFF MAIL ROOM, SURGERY CHAPEL HILL 27514	GS 032 A 919 966-4131
SNEDEKER, JEFFREY DAVID BOX 31085, DUMC DURHAM 27710	PD/ID 032 A 919 684-6610	WARD, WILLIAM GOODE 21 GORHAM PLACE DURHAM 27705	ORS 032 A 919 383-9667	YEAGER, CHARLES FRANK 4205 LIVINGSTONE PLACE DURHAM 27707	TR/PTH 032 A
SOFLEY, CARL WILSON, JR. 319 KILBOURNE RD. COLUMBIA, SC 29205	032 A 803 254-5847	WARDEN, CLARK GERARD 212 CEDARWOOD LANE CARRBORO 27510	GS 032 A 919 967-9414	YUCHA, KIM LEIGH PEELER 4906 KELLYWOOD CIRCLE GLEN ALLEN, VA 23060	PD 000 A 804 747-1460
SPANGLER, THOMAS CLAYTON 1603 ARTHUR DR. GRAHAM 27253	ORS 032 A 919 226-6586	WARREN, JEFFERY STEVEN C/O W. JEFF WARREN 227 W. MARSH ST. SALISBURY 28144	EM/GS 032 A	ZAGORIA, RONALD JAY 300 S. HAWTHORNE RD. DEPT. OF RADIOLOGY WINSTON-SALEM 27103	DR 034 A 919 748-4316
SPANGLER, WILLIAM WOEHLING SOUTH LOUISIANA MED. CTR. 1978 INDUSTRIAL BLVD. HOUMA, LA 70363	EM 000 A 504 868-8140	WARREN, MELINDA BAREFOOT 528 SUWANEE CIRCLE DAVIS ISLAND TAMPA, FL 33606	OBG 074 A	ZARZAR, NICHOLAS S. D-7 VILLAGE GREEN CONDOS CHAPEL HILL 27514	9 032 A 919 967-8003
SPIRO, PHILIP MARGET 2001 DARTMOUTH DR. DURHAM 27705	GP 007 A 919 796-0689	WATKINS, GLEN LEE BOX 804 NSGA FPO MIAMI, FL 34053	GP 000 A 809 795-7380	ZELDIN, DARRYL C. 4800 UNIVERSITY DR. DURHAM 27707	IM 032 A 919 286-3909
SPRUILL, THOMAS RAYFORD RT. #5, BOX 200 HILLSBOROUGH 27278	P 032 A 919 732-7500	WATSON, RICHARD BALDWIN 816 ARCHDALE DR. DURHAM 27707	AN 032 A 919 684-6255	ZIMMERMAN, CAROL FRANCES 784 N. STRATFORD ROAD WINSTON-SALEM 27104	OPH/N 034 A 919 748-3500
STEM, THEODORE B., JR. 1506 WOODVIEW DR. GREENSBURG, PA 15601	IM/NEP 000 A 412 885-5448	WEBER, ERIC D. 2 CARSON CIRCLE DURHAM 27705	NS 032 A 919 383-0465	ZISLIS, PAUL DAVID 1002 WILLOW DR. #58 CHAPEL HILL 27514	P 032 A 919 933-7750

STUDENT MEMBERSHIP

By authority of the Executive Council, a medical student membership is provided. This class of membership expires immediately upon completion of training in a recognized school of medicine located in North Carolina. Residents of North Carolina enrolled in a recognized school of medicine in another state are eligible for such membership.

BOWMAN GRAY SCHOOL OF MEDICINE

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WINSTON-SALEM 27103	919 760-2292	GAINESVILLE, FL 32607	919 722-3709	WINSTON-SALEM 27103	919 722-1807
ALEXANDER, BRIAN A.	034	CHEREN, ISA	034	ENGELSTAD, ANNE CARINE A.	034
217-B NEW DR. APT. D	A S	1900 QUEEN ST., APT. C-8	A S	108 OLD OAK CIRCLE #B2	A S
WINSTON-SALEM 27103	919 722-7946	WINSTON-SALEM 27103	919 724-3782	WINSTON-SALEM 27106	919 767-8331
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PO BOX 448	A S	300 S. HAWTHORNE RD.	A P S	1815 BRANTLEY ST.	A S
300 S. HAWTHORNE RD.		MED. STUDENT, BOX 336		WINSTON-SALEM 27104	
WINSTON-SALEM 27103	919 777-8288	WINSTON-SALEM 27103	919 773-1564	FEIN, DOUGLAS A.	034
ALLIGOOD, DAVID BLAIR	034	CLARK, ALAN BOYD	034	300 S. HAWTHORNE RD.	A S
1821 ELIZABETH AVE.	A S	BOWMAN GRAY, BOX 93	A S	BOX 484, BOWMAN GRAY	
WINSTON-SALEM 27103	919 723-6041	WINSTON-SALEM 27103	919 724-4572	WINSTON-SALEM 27103	919 724-4478
ANAGNOS, DAMON PHILIP	034	CLEVELAND, JEFFREY ALLEN	034	FERNANDEZ, ISABEL M.	034
832 LOCKLAND AVE.	A S	2000 VIRGINIA ROAD	S	1900 QUEEN ST. APT. C-1	A S
WINSTON-SALEM 27103	919 724-9897	WINSTON-SALEM 27104	919 723-8536	WINSTON-SALEM 27103	919 723-3463
ARROWOOD, JOHN P., JR.	034	COLE, DEBRA WULFHORST	034	FERRARI, CAROLYN JEAN	034
2307-D CLOVERDALE AVE.	A S	840 MAGNOLIA DR.	A S	2920 NORTHBRIDGE	S
WINSTON-SALEM 27103	919 724-7794	WINSTON-SALEM 27103	919 723-4036	WINSTON-SALEM 27103	919 765-5288
BAGWELL, ROBERTA L.	034	COLE, ROGER DALE	034	FLOWE, KENNETH MICHAEL	034
1811 ELIZABETH AVE.	A S	840 MAGNOLIA ST.	A S	1608-H NORTHWEST BLVD.	A S
WINSTON-SALEM 27103	919 722-3154	WINSTON-SALEM 27103	919 724-0761	WINSTON-SALEM 27104	919 761-1246
BARTON, JOHN HOMER, JR.	034	COPELAND, GARY BRENT	034	FRANCIS, KENNETH ROBERT	034
160 SARATOGA ST.	A S	2080 QUEEN ST.	A S	1400 CLIFF ST. #F	A S
WINSTON-SALEM 27103	919 765-7946	WINSTON-SALEM 27103	919 724-4537	WINSTON-SALEM 27107	919 723-3817
BICKET, DAPHNE PATRICIA	034	COWARD, HOLLYJEAN	034	FRIEDFELD, STEFANIE ANN	034
2318-C ARDMORE TERRACE	A S	305 S. HAWTHORNE RD. APT. 8	A S	103 PERSHING AVE.	A S
WINSTON-SALEM 27103	919 723-4862	WINSTON-SALEM 27103	919 724-4554	WINSTON-SALEM 27103	919 722-9861
BLACKBURN, KATHERINE S.	034	COX, JEFFREY NEAL	034	GALLANIS, CRAIG T.	034
211-28 DALEWOOD DR.	S	537 S. HAWTHORNE RD. APT. 9	A S	1333 MADISON AVE.	A S
WINSTON-SALEM 27104	919 765-5952	WINSTON-SALEM 27104	919 725-3571	WINSTON-SALEM 27103	919 722-6835
BLAKE, SIDNEY ALLEN	034	CRUM, AMY ELIZABETH	034	GOWER, VERLIA COLE	034
1730-J FRANCISCAN TERR.	A S	305 S. HAWTHORNE RD. APT. #6	A S	918 MADISON AVENUE	A S
WINSTON-SALEM 27107	919 788-5646	WINSTON-SALEM 27103		WINSTON-SALEM 27103	919 723-8602
BOYETTE-KOURI, FRANCES	034	CRUM, BRYAN GLENN	034	GREVIOUS, STEPHEN SCOTT	034
BOWMAN GRAY, BOX 190	A S	315 TAYLOR ST., APT. O	A S	1641-P NORTHWEST BLVD.	A S
WINSTON-SALEM 27103	919 723-7169	WINSTON-SALEM 27101	919 725-7944	WINSTON-SALEM 27104	919 724-4541
BRIDGER, DEWEY HERBERT, III	034	CUNNINGHAM, JOSEPH W., JR.	034	GROSSMAN, SARAH RONA	034
7901 BAYMEADOWS CIR. E #574	A S	100 CAROLINA CIRCLE	A S	1608-K NORTHWEST BLVD.	A S
JACKSONVILLE, FL 32216		WINSTON-SALEM 27104	919 725-7803	WINSTON-SALEM 27103	919 723-3868
BROADBENT, BRYAN, J.H.	034	DE LUCA, PAMELA S.	034	HACKLANDER, SHELLEY W.	034
1219 CHURTON ST. #41	A S	1815 BRANTLEY ST.	A S	PO BOX 427	A S
WINSTON-SALEM 27103	919 721-9971	WINSTON-SALEM 27103	919 723-9695	MARS HILL 28754	704 689-4238
BROADWELL, FREEMAN EDWARD, III	034	DIROCCO, JUDITH GERALYN	034	HADDAD, MICHEL GEORGE	034
306 SPLIT RAIL CIR., APT. 201	A S	1725-B FRANCISCAN TERR.	A S	300 S. HAWTHORNE RD. BOX 487	A S
NEWPORT NEWS, VA 23602		WINSTON-SALEM 27107	919 788-4844	WINSTON-SALEM 27103	919 723-7442
BROWN, ANNE BARBARA	034	DIRR, LOUISE YOUNGER	034	HALL, JOHN HOWLAND, JR.	034
2055-A ACADEMY ST.	A S	532 POLO ROAD	A S	300 S. HAWTHORNE RD. BOX 122	A S
WINSTON-SALEM 27103	919 722-2275	WINSTON-SALEM 27106		WINSTON-SALEM 27103	919 724-4639
BROWNING, DOUGLAS GUY	034	DOBYNS, RICHARD JOSEPH	034	HARBOURNE, KEVIN S.	034
2050 CRAIG ST., APT. 23	A S	2517 OLD SALISBURY RD.	A S	1641 NORTHWEST BLVD. APT. D	A S
WINSTON-SALEM 27103	919 723-6603	WINSTON-SALEM 27107	919 785-2274	WINSTON-SALEM 27104	919 724-7390
BRUNER, ROBERT KINCAID	034	DORSEY, DEANNA LYNN	034	HARROLD, LAURIE J.	034
1732 CAMDEN ROAD	A S	312 GROVE PARK AVE. #2	A S	324 CRAFTON ST.	A S
WINSTON-SALEM 27103	919 723-5504	WINSTON-SALEM 27103	919 723-3042	WINSTON-SALEM 27103	919 723-5882
BYRD, KERRY WENDELL	034	DRESSER, LEE POTTER	034	HARTMAN, MARJORIE LYNN	034
152 CHARLESTOWNE CIRCLE	A S	1631-C NORTHWEST BLVD.	A S	318 GROVE PARK AVE.	A S
WINSTON-SALEM 27103	919 765-3033	WINSTON-SALEM 27104	919 722-3712	WINSTON-SALEM 27103	919 725-8909
CALDWELL, GEORGE LEONHARD, JR.	034	DUBOW, DAVID ALAN	034	HASHEMI, ZIAOLLAH	034
2038 QUEEN ST.	A S	1957 STONEWOOD DR.	A S	1439-L HUTTON ST.	A S
WINSTON-SALEM 27103	919 722-3629	WINSTON-SALEM 27103	919 768-2751	WINSTON-SALEM 27103	
CARR, JENIFER	034	DUNCAN, THANE EDWARD	034	HATCH, STEPHEN J.	034
248 S. SUNSET DR.	A S	821 S. HAWTHORNE ROAD	A S	817 CHANCY LN.	A S
WINSTON-SALEM 27103	919 773-0369	WINSTON-SALEM 27103	919 748-4407	WINSTON-SALEM 27104	919 765-4179
CARTY, BRIAN CLIFFORD	034	DUNSON, MARY E.	034	HEDBERG, ANN ELIZABETH	034
120-4 RAINRIDGE DR.	A S	BOX 344, BOWMAN GRAY MED. SCH. A	S	2810-D PELHAM PL.	A S
WINSTON-SALEM 27104	919 765-7147	300 S. HAWTHORNE RD.		WINSTON-SALEM 27106	919 722-5662
CASEY, DEBORAH M.	034	EATON, JEFFREY GRAY	034	HINSON, JONATHAN C.	034
138 N. SUNSET DR. APT. #2	A S	103 CAROLINA CIRCLE	A S	2841 TULLY SQUARE #F	A S
WINSTON-SALEM 27101	919 724-4442	WINSTON-SALEM 27103	919 723-0527	2700 REYNOLDA RD.	
CHAN, STEVEN PING	034			WINSTON-SALEM 27106	919 723-7554
BOWMAN GRAY STUDENT BOX 91	S				
WINSTON-SALEM 27103	919 724-1708				

HOFFMAN, MARY JACQUELINE	034	SCHROETER, THOMAS ANTHONY	034
537 S. HAWTHORNE RD. #12	A S	1008 S. HAWTHORNE RD.	A S
WINSTON-SALEM 27103	919 761-8294	WINSTON-SALEM 27103	919 723-3633
HOOTS, ELEANOR CARSWELL	034	SEARS, VICTOR W., JR.	034
221 LOCKLAND AVE.	A S	206 OAKWOOD CT.	A S
WINSTON-SALEM 27103	919 722-1325	WINSTON-SALEM 27103	919 760-1643
HUBBARD, STEPHEN ADRIAN	034	SEEN, NELSON DEN	034
2930 CLUB PARK ROAD	A S	1641-S NORTHWEST BLVD.	A S
WINSTON-SALEM 27104	919 760-1226	WINSTON-SALEM 27104	919 725-9247
HUFFMAN, JOHN MITCHEL, JR.	034	SHEPARD, CLAUDIA PRICHARD	034
300 S. HAWTHORNE ROAD	A S	1406 JARVIS ST.	A S
WINSTON-SALEM 27103	919 722-9378	WINSTON-SALEM 27101	919 722-8253
HUGHES, DOREEN L.	034	SMALES, WILLIAM PALMER	034
2047 CRAIG ST. APT. B	A S	STUDENT BOX 411, BOWMAN GRAY	A S
WINSTON-SALEM 27103	919 722-5423	300 S. HAWTHORNE RD.	919 351-4144
HUNTER, DAVID MONTGOMERY	034	WINSTON-SALEM 27103	
1615 NORTHWEST BLVD.	A S	SMALTO, GARY PAUL	034
WINSTON-SALEM 27104	919 724-9568	401 S. SUNSET DR.	A S
IFFT, ROBIN DAWN	034	WINSTON-SALEM 27103	919 724-9744
731 LYNN DEE DR.		SMITH, BARBARA ANNE	034
WINSTON-SALEM 27106	919 725-3578	607-B S. HAWTHORNE RD.	A S
IRELAND, PATRICK DAVID	034	WINSTON-SALEM 27103	919 723-7041
315 LOCKLAND AVE.	A S	SNOWHITE, JENNIFER CELESTE	034
WINSTON-SALEM 27103	919 723-2935	1712 ELIZABETH AVE.	A S
JACOBSON, MARK DAVID	034	WINSTON-SALEM 27103	919 722-8712
3924 OLD VINEYARD RD., #55	A S	SOUTH, STEPHEN ALAN	034
WINSTON-SALEM 27104	919 760-3389	3059-F ORDWAY DR., NW	A S
JAMES, GEORGE WHITFIELD	034	ROANOKE, VA 24017	
1900 QUEEN ST. #C-3	A S	SPIVEY, DAVID EUGENE, JR.	034
WINSTON-SALEM 27103	919 722-5918	1511 MAIN ST. SW	A S
JENNINGS, ANGELA L.	034	ROANOKE, VA. 24015	703 985-0216
1725-B FRANCISCAN TERR.	A S	STANDISH, MYLES	034
WINSTON-SALEM 27107	919 788-4844	838 BRENT	A S
JOHNSON, ATLEE ROLLINS, III	034	WINSTON-SALEM 27103	919 725-6971
2412 JEFFERSON AVE.	A S	STANFORD, EDWARD JOSEPH	034
WINSTON-SALEM 27103	919 723-3171	1935 GASTON ST.	A S
JOLLY, BRANTLEY TILMAN, JR.	034	WINSTON-SALEM 27103	
101 HOMESTEAD RD. APT. 804	A S	STEPHENSON, ANNE ELIZABETH	034
CHAPEL HILL 27514	919 967-0970	725-A GALES AVE.	A S
KAPORDELIS, GREGORY C.	034	WINSTON-SALEM 27103	919 748-1783
3319-L CIRCLE BROOK DR. SW	A S	STERNER, DAVID CHARLES	034
ROANOKE, VA 24014	703 774-4675	3487 TANGLEBROOK TR.	A S
KAYE, DOUGLAS EVAN	034	CLEMMONS 27012	919 766-6117
1900 QUEEN ST. APT. A3	A S	STONEROCK, GRACE JANINE	034
WINSTON-SALEM 27103	919 724-6289	1641-E NORTHWEST BLVD.	A S
KEATING, ROBERT JOSEPH	034	WINSTON-SALEM 27104	919 724-5446
300 S. HAWTHORNE RD.	A S	STOUT, ROBERT GREGORY	034
WINSTON-SALEM 27103	919 722-0875	415 IRVING ST.	A S
KELLAR, LISA COLLIER	034	WINSTON-SALEM 27103	919 723-9141
BOWMAN GRAY SCH. OF MED.	S	STRIKE, WILLIAM K.	034
STUDENT BOX 100		315 SUNSET DR. APT. #2	A S
WINSTON-SALEM 27103	919 748-8318	WINSTON-SALEM 27103	919 723-1491
KELLEY, TIMOTHY FRANCIS	034	SWOFFORD, JOEL HOWARD	034
448 S. HAWTHORNE RD.	A S	111 DALEWOOD DR. APT. #6	A S
WINSTON-SALEM 27103	919 722-5371	WINSTON-SALEM 27104	919 723-9174
KEY, STEVEN PAUL	034	TALTON, DAVID SMITH	034
300 S. HAWTHORNE RD., BOX 374	A S	1995 HOODS CREEK DR.	A S
WINSTON-SALEM 27103	919 777-0769	NEW BERN 28560	919 725-7803
KILBY-SIMPSON, MARTHA ANN	034	UELAND, FREDERICK RAND	034
420 BRIARLEA RD.	A S	1819 GRACE ST.	A S
WINSTON-SALEM 27104	919 768-2403	WINSTON-SALEM 27103	919 723-0070
KINNEY, STEPHEN LEIGH	034	WADDELL, BRAD EDWARD	034
130 LIONHEAD COURT	A S	204 PERSHING AVE. SW	A S
BALTIMORE, MD 21237	301 574-1523	WINSTON-SALEM 27103	919 725-2939
KOSFELD, SCOTT LEE	034	WALKER, JAMES LYSLE	034
420 LOCKLAND AVE.	A S	2353 QUEEN ST. #D	A S
WINSTON-SALEM 27103	919 722-9025	WINSTON-SALEM 27103	919 722-9268
KOURI, DAVID LAWRENCE	034	WEBER, JOEL MICHAEL	034
1935 W. FIRST ST.	A S	1045-C BANK ST.	A S
WINSTON-SALEM 27104	919 723-7169	WINSTON-SALEM 27101	919 722-6775
LAMAY, EDWARD NORMAN	034	WELLS, ANDREW HENDERSON	034
448 HAWTHORNE RD.	A S	1715 ELIZABETH AVE.	A S
WINSTON-SALEM 27103	919 722-5371	WINSTON-SALEM 27103	919 761-0895
LANE, ROGER DAVID	034	WILLIAMS, ROBERT BARCLAY	034
2015 ELIZABETH AVE.	A S	21 FISHERS MILL DR.	A S
WINSTON-SALEM 27103	919 724-6405	COLUMBIA, SC 29206	
LATZ, TRACY J. T.	034	WILSON, ROBERT LEWIS, JR.	034
452 CORONA ST.	A S	2418 JEFFERSON AVE.	A S
WINSTON-SALEM 27103	919 723-5305	WINSTON-SALEM 27103	919 722-4588
LEE, BENJAMIN HOWARD	034	YOUNCE, LAURA L. H.	034
2050 CRAIG ST. APT. #8	A S	4361 JOHNSBOROUGH CT., APT 78	A S
WINSTON-SALEM 27103	919 454-3742	WINSTON-SALEM 27104	919 768-5971
LETTIERI, SALVATORE CARMINE	034		
416 LOCKLAND AVE.	A S		
WINSTON-SALEM 27103	919 723-1839		
LIEBSCHER, GREGORY JOHN	034		
1605 NORTH WEST BLVD.	A S		
WINSTON-SALEM 27104	919 777-1279		
LINS, MARK DAVID	034		
1641-F NORTHWEST BLVD.	A S		
WINSTON-SALEM 27104	919 725-8423		
LIPSON, ERIC JAMES	034		
1900 QUEEN ST., APT. A-5	A S		
WINSTON-SALEM 27103	919 724-9034		
LODGE, JEFFREY SANDS	034		
1416 GLADE STE. #9	A S		
WINSTON-SALEM 27103	919 721-9959		
LORD, RICHARD WILLIAM, JR.	034		
2506 MILLER PARK CIRCLE	A S		
WINSTON-SALEM 27103	919 722-7649		
MACK, YVONNE	034		
BOX 140, 300 S. HAWTHORNE	A S		
WINSTON-SALEM 27103	919 722-1325		
MARLOWE, DONNA M.	034		
1208-A W. 4TH ST.	A S		
WINSTON-SALEM 27101	919 727-1866		
MATTHEWS, COY RANDOLPH	034		
120 EDEN TERRACE #1	A S		
WINSTON-SALEM 27103	919 723-9781		
MAXWELL, MICHAEL C.	034		
418 LOCKLAND AVENUE	A S		
WINSTON-SALEM 27103	919 723-8294		
MCINNIS, TERRY ALICE	034		
300 S. HAWTHORNE RD. BOX 257	A S		
WINSTON-SALEM 27103	919 760-0935		
MCIVOR, ANDREW CRAIG	034		
646 BRENT ST.	A S		
WINSTON-SALEM 27103	919 723-4069		
MIRAGLIA, CHARLES CARMEN	034		
1057 S. HAWTHORNE RD.	A S		
WINSTON-SALEM 27103	919 723-2299		
MISHKIND, STEVEN HART	034		
2500-C MILLER PARK CIRCLE	A S		
WINSTON-SALEM 27103	919 722-0477		
MURPHY, BARBARA ANN	034		
1759 HAWTHORNE ROAD	A S		
WINSTON-SALEM 27103	919 765-5938		
MURPHY, MICHAEL D.	034		
1819 GRACE ST.	A S		
WINSTON-SALEM 27103	919 724-5686		
MURPHY, WENDY ELAINE	034		
1539 1/2 HAWTHORNE RD.	A S		
WINSTON-SALEM 27103	919 765-1935		
NAPOLITANO, CHARLES A.	034		
107 ECHO GLEN DR. APT. B4	A S		
WINSTON-SALEM 27106	919 722-7787		
OLSEN, JEFFREY DOVE	034		
2451 BOONE AVE.	A S		
WINSTON-SALEM 27103	919 725-9812		
ORCUTT, JAMES MICHAEL	034		
1327 REVERE RD.	A S		
WINSTON-SALEM 27103	919 725-8866		
PAYNE, JEFFREY C.	034		
315 S. SUNSET DR. APT. 2	A S		
WINSTON-SALEM 27103	919 723-1491		
PERRY, SAMUEL JOSEPH	034		
1723 VIRGINIA RD. 1/2	A S		
WINSTON-SALEM 27104	919 724-7601		
RATHMELL, JAMES PHILLIP	034		
2080 CRAIG STREET	A S		
WINSTON-SALEM 27103	919 723-7041		
RICE, WILLIAM YATES, III	034		
706 FRIAR TUCK ROAD	A S		
WINSTON-SALEM 27104	919 768-7293		
RICHTER, RICHARD LESTER	034		
1700 GRACE ST.	A S		
WINSTON-SALEM 27103	919 722-5918		
RIGGAN, JASPER SIMMONS, III	034		
300 S. HAWTHORNE RD.	A S		
STUDENT BOX 537			
WINSTON-SALEM 27103	919 760-1795		
ROARK, GARY LEE	034		
1106 MELROSE ST.	A S		
WINSTON-SALEM 27103	919 761-1590		
ROBACZEWSKI, DAVID L.	034		
261-G DALEWOOD DR.	A S		
WINSTON-SALEM 27104	919 760-1643		
RYDEN, JANICE BETH	034		
300 S. HAWTHORNE RD.	A S		
STUDENT BOX 543-BOWMAN GRAY			
WINSTON-SALEM 27103	919 748-1783		

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ACKER, JEFFREY CHARLES 2209 MOREHEAD AVE., APT. #2 DURHAM 27707	032 A S 919 684-5154	EATON, ALEXANDER MELLON BOX 2723, DUMC DURHAM 27710	032 A S 212 289-5639	HYER, RANDALL NELMS 1001 NORWOOD AVE. DURHAM 27707	032 A S 919 383-8602
ADAMSON, WM. TALBOT 3222 COACHMAN'S WAY DURHAM 27705	032 A S 919 489-7372	EDELBERG, JAY MARSHALL BOX 2730, DUMC DURHAM 27710	032 A S 919 286-7394	IBRAHIM, GEORGE KAISSAR 11 WILLOWBRIDGE DR. #80 DURHAM 27707	032 A S 919 493-3695
ALLF, BRYAN EWING 1711 SHAWNEE STREET DURHAM 27701	032 A S 919 683-1099	EVANS, JOSEPHINE ADAMSON 1010 DEMERIUS ST. DURHAM 27701	032 A S 919 688-5730	INGE, WELLFORD W., III 311 S. LASALLE ST. APT. 37B DURHAM 27705	032 A S 919 286-3311
ALYEA, EDWIN PASCAL, III 2211 MOREHEAD AVE. #3 DURHAM 27707	032 A S 919 495-5608	FAIRCHILD, KAREN DIANE 4012 HILLGRAND DR. DURHAM 27705	032 A S 919 383-5160	JABLONOVER, MICHAEL RICHARD 1915 YEARBY ST., APT. G DURHAM 27705	032 A S 919 684-5681
ARMSTRONG, MICHAEL, JR. 4335-B AMERICAN DR. DURHAM 27705	032 A S	FEESER, SCOTT ALAN 4800 UNIVERSITY DR. #27E DURHAM 27707	032 A S 919 493-0433	JEFFRIES, JENNIFER JEAN 2877 HOSPITAL SOUTH, DUMC DURHAM 27710	032 A S 919 286-9385
BACON, DAVID SCOTT 311 S. LASALLE ST. 49H DURHAM 27705	032 A S 919 286-7883	FLANAGAN, BRIAN FRANCIS 618 MOREHEAD AVE. APT. #1 DURHAM 27707	032 A S 919 383-7627	KAPLAN, TODD M. 1315 MORRENE RD. 3-A DURHAM 27705	032 A S 919 383-3735
BARBORIAK, PETER N. 2748 MIDDLETON #14B DURHAM 27705	032 A S 919 383-8849	FLICK, CONRAD L. BOX 2734, DUMC DURHAM 27710	032 A S	KAUFMAN, JEFFREY 311 S. LASALLE ST. APT. 50B DURHAM 27705	032 A S 919 286-3719
BEATTY, PETER T. 2335 HURON CIRCLE DURHAM 27707	032 A S 919 493-9131	FORMAN, MARK STUART 910 CONSTITUTION APT. 717 DURHAM 27705	032 A S	KEITHAHN, STEPHEN TIMOTHY BOX 2760, DUMC DURHAM 27710	032 A S 919 493-1678
BLAIR, JERRY RAY 14 GLEEWOOD PLACE, EAST DURHAM 27713	032 A S 919 544-5534	FRIEDBERG, R. C. 1622 DELAWARE ST. DURHAM 27705	032 A S 919 286-3909	KING, ROBERT THOMAS, III BOX 2879, DUMC DURHAM 27710	032 A S 919 493-0267
BOND, PAMELA EATON 869 LOUISE CIRCLE DURHAM 27705	032 A S 919 383-8354	FRUCHT, DAVID MARTIN 38-C DUKE MANOR APTS. DURHAM 27705	032 A S 919 286-4515	KOOPERSMITH, TINA BETH BOX 2764, DUMC DURHAM 27710	032 A S
BRODEUR, DAVID 4800 UNIVERSITY DR. #24B DURHAM 27707	032 A S 919 493-6718	GALL, STANLEY ADOLPH, JR. 2907 MONROE AVE. DURHAM 27707	032 A S 919 489-3621	KRYSTAL, ANDREW DARRELL 811 VICKERS AVE. DURHAM 27701	032 A S 919 688-0577
BUSER, STEVEN DONALD 1707 WARD ST. DURHAM 27707	032 A S 919 493-3046	GALUMBECK, MATTHEW ALAN BOX 2883, DUMC DURHAM 27710	032 A S 919 286-1217	LE CROY, CHARLES MICHAEL, JR. 134 LANDBURY DR. DURHAM 27707	032 A S 919 493-9264
CALTON, WILLIAM CUYLER, JR. 3625 MANFORD DR. DURHAM 27707	032 A S 919 493-5372	GARTRELL, DOUGLAS MERVYN 714 PARK RIDGE RD. APT. B-7 DURHAM 27713	032 A S 919 489-0477	LENER, MARK HARRIS 14 MELSTONE TURN DURHAM 27707	032 A S 919 489-2970
CARR, DAVID RUDDLE 5407 SW 80TH TERR. GAINESVILLE, FL 32608	032 A S	GIBSON, JAMES BRUCE 1500 DUKE UNIV. RD., APT. A-2-A DURHAM 27701	032 A S	LEUNG, CYRIL YIU-CHUN 6219 MALAGA COURT LONG BEACH, CA 90803	032 A S 213 498-3821
CECH, ALEX CHARLES BOX 2710, DUMC DURHAM 27710	032 A S 919 383-8355	GO, JOAN MAYCHU 4 RIVER BIRCH RD., APT. K DURHAM 27705	032 A S 919 383-7019	LIN, JANET CHYNG-JIAU 311 S. LASALLE ST. APT. 40E DURHAM 27705	032 A S 919 286-7851
CHAN, KRAMMIE M. 1424-D2 WYLDEWOOD RD. DURHAM 27704	032 A S 919 477-3083	GOLDBERG, MARC ANDREW BOX 2860, DUMC DURHAM 27710	032 A S 919 383-8675	LURIE, SCOTT NORD 1711 SHAWNEE ST. DURHAM 27701	032 A S 919 383-6272
CHOW, CAROLINE CHIA-LIN 311 S. LASALLE ST. # 50P DURHAM 27705	032 A S 919 286-4154	GOTTLIEB, JUSTIN L. 3222 COACHMAN'S WAY DURHAM 27705	032 A S 919 489-7372	LYERLY, MARK ANDREW 9 GEORGETOWN CT. DURHAM 27705	032 A S 919 383-9784
CHOW, GREGORY HENKUIO #9 GEORGETOWN CT. DURHAM 27705	032 A S 919 383-6849	GROSSNICKLE, MARK EARL 3603 CRYSTAL COURT DURHAM 27705	032 A S 919 477-8535	MAVROS, SHARON 411-I DOWNING ST. DURHAM 27705	032 A S 919 286-4617
COOK, PERRY FLETCHER 2306 WILSON STREET DURHAM 27705	032 A S 919 286-2389	HALE, LAURA POPE 6512 CRAIG ROAD DURHAM 27712	032 A S 919 471-0865	MAXFIELD, STEVEN RONALD 872 LOUISE CIRCLE DURHAM 27705	032 A S 919 383-0050
COOPER, RANDOLPH A. S. #6 LANDOVER CT. DURHAM 27713	032 A S 919 489-5643	HALL, BRUCE LEE #9 GEORGETOWN CT. DURHAM 27705	032 A S 919 684-6469	MAYNOR, CAROLYN CHANG BEECHWOOD APTS. 24-A 4800 UNIV. DR. EXT. DURHAM 27707	032 A S 919 286-1409
COUNDOURIOTIS, ANDREW 1408 WASHINGTON ST. DURHAM 27701	032 A S 919 683-2785	HALL, CHARLES DANIEL 4800 UNIVERSITY DR. 5-B BEECH LAKE APTS. DURHAM 27707	032 A S 919 493-0448	MCDONNELL, KENNETH PAUL 1911 ERWIN RD., APT. B DURHAM 27705	032 A S
COX, PATRICIA MARY 3004 UNIVERSITY DR. DURHAM 27707	032 A S 919 489-0179	HAWKINS, SARALYN REID BOX 2793, DUMC DURHAM 27710	032 A S 919 684-6132	MCKEE, SCOTT BOX 2847, DUMC DURHAM 27710	032 A S 919 383-5828
DALTON, JAMES D., JR. 311 S. LASALLE ST. APT. 5-E DURHAM 27705	032 A S 919 286-9753	HENDRICKSON, STEVEN CRAIG BOX 2743, DUMC DURHAM 27710	032 A S 919 471-0258	MCLOUGHLIN, THOMAS M. 3924 LINDEN TERRACE DURHAM 27705	032 A S 919 383-7190
DAVIDSON, ROBERT CLABAUGH BOX 2718, DUMC DURHAM 27710	032 A S 919 383-5047	HERLONG, JAMES RENE 618 MOREHEAD AVE. #1 DURHAM 27707	032 A S 919 688-8011	MENNILLO, ROGER NILES 811 VICKERS AVE. DURHAM 27701	032 A S 919 688-0527
DUDLEY, R. ADAMS 1315 MORRENE RD. APT. 20-B DURHAM 27705	032 A S 919 383-6387	HOFFMAN, KRISTINA MARIE 13-B TARAWA TERRACE DURHAM 27705	032 A S 919 383-9290	MILLER, MARK F. 2752 MIDDLETON #31-J DURHAM 27705	032 A S 919 383-0025
DYKE, CORNELIUS MCKOWN BOX 2722, DUMC DURHAM 27710	032 A S 919 493-7104	HULKA, GREGORY F. BOX 2875, DUMC DURHAM 27710	032 S 919 493-8258	MOLTER, DAVID W. 2974 CAROLYN DRIVE DURHAM 27703	032 A S 919 596-4936
EARNHARDT, RICHARD CRAIG 2836 CHAPEL HILL RD. APT. 30-B DURHAM 27707	032 A S 919 493-7968			MOSELEY, WALTON STROZIER 311 S. LASALLE ST. APT. 37-B DURHAM 27705	032 A S 919 286-3311

MULY, EMIL C., III	032	PURUT, CEMIL M.	032	STONE, LISA MARIE	032
886 LOUISE CIRCLE, APT. 26-B	A S	BOX 2765, DUMC	A S	21 PRESTWICK PLACE	A S
DURHAM 27705	919 383-0529	DURHAM 27710	919 684-5939	DURHAM 27705	919 286-2377
NANDA, SUMIT	032	RISKA, PAUL FRANK	032	TARRY, WALLACE CLEMENTS	032
BOX 2872, DUMC	A S	BOX 2733, DUMC	A S	208 E. KNOX ST.	A S
DURHAM 27710	919 684-5142	DURHAM 27710	919 383-5620	DURHAM 27702	919 693-3223
NASTALA, CHET LAWRENCE	032	RODABAUGH, KERRY J.	032	TERRELL, GRACE EMERSON	032
BOX 2779, DUMC	A S	1315 MORRENE RD. APT. 23L	A S	2920 CHAPEL HILL RD. APT. 54-D	A S
DURHAM 27710		DURHAM 27705	919 847-9614	DURHAM 27707	919 493-3147
NATHAN, LAUREN	032	ROSENBERG, MARK ROBERT	032	THIELMAN, NATHAN M.	032
548 FINLEY ST.	A S	BOX 2841, DUMC	A S	2752 MIDDLETON AVE. APT. 31-J	A S
DURHAM 27705	919 383-4227	DURHAM 27710	919 493-2846	DURHAM 27705	919 383-0025
PANZA, WILLIAM SEBASTIAN	032	RUSSELL, WILLIAM ALTON, III	032	THIERJUNG, CHRISTINA	032
1800 WILLIAMSBURG RD. APT. 8-E	A S	BOX 2769, DUMC	A S	1915 ERWIN RD. APT. D	A S
DURHAM 27707	919 489-4104	DURHAM 27710	919 286-3391	DURHAM 27705	919 684-6369
PAOLINI, JOHN FRANK	032	RUSTAD, TODD J.	032	TRACHMAN, JAYNE FELICIA	032
BOX 2832, DUMC	A S	1315 MORRENE RD. APT. 27I	A S	1909 YEARBY AVE., APT. F	A S
DURHAM 27710		DURHAM 27705	919 383-5828	DURHAM 27705	919 684-5588
PAPADOPOULOS, SPYRIDON G.	032	SAFRAN, MARC RAYMOND	032	TRUETT, ARTIS PRESTON, III	032
3700-205 CHIMNEY RIDGE PL.	A S	BOX 2769, DUMC	A S	2672 HITCHCOCK DR.	A S
DURHAM 27713	919 493-0718	DURHAM 27710	919 383-4055	DURHAM 27705	919 479-5299
PARANKA, JULIA ANNE	032	SAVITT, MICHAEL ANDREW	032	TWEED, JOHN LINDSEY	032
3536 MAYFAIR ST. #102	A S	3702 CHIMNEY RIDGE PL.	A S	811 VICKERS AVE.	A S
DURHAM 27707	919 493-7736	DURHAM 27713	919 286-1989	DURHAM 27701	919 688-0527
PARLIER, REGGIE DAVID	032	SCHMALTZ, ROBERT ANDREW	032	VICK, WILLIAM WOODROW	032
828 HOLLY HEDGE DR.	A S	604 W. KNOX ST.	A S	214 TALLYHO TRAIL	A S
LEWISVILLE 27023	919 479-5559	DURHAM 27701	919 383-5972	CHAPEL HILL 27514	919 933-5531
PATTON, SUZANNE ELIZABETH	032	SEGRETI, EILEEN MARIE	032	WEBB, MICHAEL STEPHEN, JR.	032
2808 ERWIN RD., APT. 6A	A S	538 FINLEY ST.	A S	229-A BRIDGEFIELD PLACE	A S
DURHAM 27705	919 383-0446	DURHAM 27705	919 383-7558	DURHAM 27705	919 383-4960
PERONA, BARBARA PIEZ	032	SLAUGHTER, THOMAS FREEMAN	032	WOODARD, PAMELA K.	032
1022 GREEN ST.	A S	BOX 2862, DUMC	A S	201 ALEXANDER ST. APT. AA	A S
DURHAM 27701	919 682-3942	DURHAM 27710	919 286-9442	DURHAM 27705	919 684-7402
PORTER, LISA ELLEN	032	SLEMP, CATHERINE C.	032	WU, JUSTIN JA-LI	032
2681 HITCHCOCK DR.	A S	869 LOUISE CIRCLE	A S	BOX 2826, DUMC	A S
DURHAM 27705		DURHAM 27705	919 383-8354	DURHAM 27710	919 781-7251
POWELL, ALLEN ORLO	032	SMITH, BRYAN WESLEY	032	YEH, FLORA MEI-CHING	032
RT. #1, BOX 172	A S	302 PITTSBORO ST.	A S	4408-B AMERICAN DR.	A S
DURHAM 27705	919 493-8238	CHAPEL HILL 27514	919 929-7447	DURHAM 27705	919 286-9229
PRACYK, JOHN BRADFORD	032	SMITH, SPENCER MARION	032	YOSHINO, PAUL HARUTAKA	032
610 DOUGLAS ST., APT. 312-B	A S	206 ALEXANDER ST., APT. E	A S	1315 MORRENE RD. APT. 27-J	A S
DURHAM 27705	919 286-7365	DURHAM 27705	919 684-1502	DURHAM 27705	919 383-6059
PRATT, REBECCA ANN	032	STEVENS, WILLIAM ROSS	032	ZAROFF, WENDY ANNE	032
209 ALEXANDER ST. APT. D	A S	1707 WARD ST.	A S	3-J POST OAK RD.	A S
DURHAM 27705	919 684-7590	DURHAM 27707	919 496-3046	DURHAM 27705	919 383-7827
PRUTHI, ASIT SOM	032				
311 S. LASALLE ST., APT. 38N	A S				
DURHAM 27705	919 286-2615				

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3004 BRIARCLIFF DRIVE	A S	106 SCALES PL., APT. A-7	A S	136 FOREST ACRES DR.	A S
GREENVILLE 27834	919 756-8793	GREENVILLE 27834	919 758-9438	GREENVILLE 27834	919 551-3267
AVERY, ELEANOR ELIZABETH	074	BLACKWELL, MICHAEL A.	074	CLARKE, DONALD KEITH	074
RT. #2, BOX 305	A S	114-D RIVER BLUFF RD.	A S	1530-0 BRIDLE CIR.	A S
GREENVILLE 27834	919 752-0569	GREENVILLE 27834	919 758-7303	GREENVILLE 27834	919 756-2072
BAREFOOT, JENNIFER ANNE COATS	074	BOWMAN, CHRIS RICHARDS	074	COLEMAN, NANCY LOU	074
2016 ALTA AVE.	A S	PO BOX 607	A S	403 HILLTOP ST.	A S
LOUISVILLE, KY 40205	919 758-4466	AURORA 27806	919 758-6437	GREENVILLE 27858	919 752-3394
BARNES, VICTOR RUSSELL	074	BOYETTE, DEANNA MARIE	074	CONTOGIANNIS, MARY ANN	074
111 N. MEADE ST.	A S	BOX 1473	A S	3529 SPICEBUSH TRAIL	A S
GREENVILLE 27834	919 758-1547	GREENVILLE 27835	919 758-8785	GREENSBORO 27410	919 756-6143
BARROW, ROY DOUGLAS	074	BRINKMAN, LINDA EVES	074	COOK, BRIAN	074
2-J COURTNEY SQUARE	A S	10 PALMETTO PLACE	A S	DOCTORS PARK APTS. U-1	A S
GREENVILLE 27858	919 756-3746	GREENVILLE 27834	919 355-6121	GREENVILLE 27834	919 758-3689
BASKIN, JAYNE FRANCES	074	BROWN, MICHAEL ASHLEY	074	COTTEN, AARON R.	074
32F ARLINGTON SQUARE	A S	114 FLETCHER PLACE	A S	108-B CEDAR COURT	A S
GREENVILLE 27858	919 756-5256	GREENVILLE 27834	919 758-3315	GREENVILLE 27858	919 551-0571
BATTS, MARK BUREL	074	BRYANT, LYNETTE	074	CRAWLEY, GEORGE EDWARD, III	074
RT. #8, BOX 269	A S	PO BOX 7069	A S	1113 HILLSIDE DR.	A S
GREENVILLE 27834	919 752-3648	GREENVILLE 27835		GREENVILLE 27834	919 830-0748
BEAMER, MARK EDWARD	074	BURCHETTE, BRUCE WILSON	074	DAGENHART, TIMOTHY LEE	074
119 FLETCHER PL.	A S	G-6 DOCTOR'S PARK APTS.	A S	322 SPRINGHILL RD.	A S
GREENVILLE 27834	919 758-2290	GREENVILLE 27834	919 758-6981	GREENVILLE 27834	919 830-1242
BEANE, SCOTT DOUGLAS	074	BYRD, VERNON DALE	074	DAVIDSON, LARRY STEVE	074
3-I COURTNEY SQUARE APTS.	A S	1015-B WESTOVER DR.	A S	1183 MULBERRY LN. APT. 30-G	A S
GREENVILLE 27858	919 758-5617	GREENVILLE 27834	919 551-1812	GREENVILLE 27858	919 752-7202
BEEKER, THADDEUS ARLEN	074	CAVENDER, CARY PAUL	074	DUKES, ROBERT RAYMOND	074
APT. 16-F, COURTNEY SQUARE	A S	202-B SHILOH DR.	A S	1301-A DICKINSON AVE.	A S
GREENVILLE 27834	919 737-8170	GREENVILLE 27834	919 355-7327	GREENVILLE 27834	919 756-9928

EBERT, JAMES B., JR.	074	JAMES, ROBERT MITCHELL	074	MOORE, CAROL ANN	074
#4 CARRIAGE HOUSE	A S	2704 JEFFERSON DR.	A S	110 S. CONTENTNEA ST., APT. C	A S
GREENVILLE 27834	919 756-5093	GREENVILLE 27834	919 752-2254	FARMVILLE 27828	919 753-2015
EDWARDS, WILSON BARTON, JR.	074	JOHNSON, SAMUEL ANDREW	074	NASHOLD, JAMES REUBEN BLACKBURN	074
111 N. MEADE STREET	A S	APT. #4, CARRIAGE HOUSE	A S	210 N. EASTERN ST.	A S
GREENVILLE 27834	919 758-1547	GREENVILLE 27834	919 934-2161	GREENVILLE 27834	919 758-1793
ELLISON, PAUL STRIBLING, JR.	023	JOHNSON, THOMAS DUANE	074	NIFONG, LESLIE WILEY	074
408-B LEWIS ST.	A S	DOCTORS PARK APTS. U-4	A * S	310 HIDDEN BRANCHES CLOSE	A S
GREENVILLE 27834	919 482-6217	GREENVILLE 27834	919 758-4458	WINTERVILLE 28590	919 355-7477
EVANS, JAMES HARVEY	074	JOHNSTONE, WILLIAM MILLER, JR.	074	NUTT, SUZANNE HAMILTON	074
E-6 DOCTOR'S PARK	A S	1608 BEAUMONT DR.	A * S	717 SNOW HILL ST.	A S
GREENVILLE 27834	919 758-2577	GREENVILLE 27858	919 758-7213	AYDEN 28513	919 746-4695
EVATT, W. CHRISTOPHER	074	JONES, CHRISTOPHER	074	O'NEAL, EVA MANN	074
A-Z UNIVERSITY MEDICAL PK.	A S	408 ROTARY AVE.	A S	1924 WHITE HOLLOW DR.	A S
GREENVILLE 27834	919 758-2059	GREENVILLE 27858	919 752-5110	GREENVILLE 27858	919 756-9049
FAGUNDUS, DUNCAN MCLEOD	074	JONES, DAVID RAY	074	PARKS, WILLIAM B., III	074
410-B STUDENT ST.	A S	1046 E. ROCK SPRING RD.	A S	205-B LINDBETH DR.	A S
GREENVILLE 27834	919 752-3014	GREENVILLE 27834	919 758-0812	GREENVILLE 27834	919 355-5744
FOWLER, WILLIAM EDWARD	074	KANNON, GEORGIA ANN	074	PARSONS, RICKEY	074
106 SCALES PL., B-1	A S	114-A HUNTING RIDGE RD.	A S	1612 OAKLAWN AVE.	A S
GREENVILLE 27834	919 758-2908	GREENVILLE 27834	919 758-2940	GREENVILLE 27834	919 756-5478
FREEDMAN, MICHAEL VY	074	KINARD, JAMES DONALD	074	PATE, DORIS CATHERINE	074
110 FARMHOUSE PLACE	A S	33 WEST HILLS TOWNHOMES	A S	MEDICAL OAKS APTS. #C-2	A S
GREENVILLE 27834	919 756-0396	GREENVILLE 27834	919 852-6384	GREENVILLE 27834	919 757-3513
FREEL, PAUL DUANE	074	KURTZ, KEVIN JOHN	074	PATEL, JAYESH KANCHANLAL	074
404 HILLCREST DRIVE	A S	2903-D CEDAR CREEK DR.	A S	109 STEWARD LANE	A S
GREENVILLE 27834	919 355-7807	GREENVILLE 27834	919 551-1653	GREENVILLE 27834	919 756-8948
FREEMAN, SANDRA	074	LA VIGNE, MARK KINO	074	PATEL, VIJESH K.	074
411 E. FOURTH ST.	A S	DOCTOR'S PARK APTS J-2	A * S	109 STEWARD LANE	A S
GREENVILLE 27834	919 752-4337	GREENVILLE 27834	919 758-1822	GREENVILLE 27834	919 756-8948
FURR, SARA MARCELLA	074	LANE, CHARLES JENKINS	074	PEARCE, RICHARD EDWARD	074
2521 MEMORIAL DR.	A S	2905-H CEDAR CREEK RD.	A S	202-B LINDBETH DR.	A S
GREENVILLE 27834	919 756-9596	GREENVILLE 27834	919 758-2884	GREENVILLE 27834	919 756-8447
GIBLIN, JOHN MARTIN	074	LEE, MARTHA HOPE	074	PHIPPS, ERVIN LAMAR	074
F-2 DOCTOR'S PARK APTS.	A S	APT R-7, DOCTORS PARK	A S	1500 WILLOW ST. APT. #3	A S
GREENVILLE 27834	919 752-8619	GREENVILLE 27834	919 578-3190	GREENVILLE 27834	919 551-3379
GLENN, SHELLEY FAYE	074	LEE, MITCHELL D.	074	PRICE, BILLY LEE, JR.	074
RT. #1, BOX 69-F	A S	611 E. 11TH ST., APT. E	A S	C-6 SHERATON VILLAGE	A S
WINTERVILLE 28590		GREENVILLE 27858	919 551-0532	GREENVILLE 27834	919 756-5425
GRANT, TERRY ALAN	074	LENNON, BARBARA M.	074	PULKINGHAM, NATHAN CARR	074
2905-A CEDAR CREEK RD.	A S	44 COLINDALE COURT	A S	108 S. HARDING ST.	A S
GREENVILLE 27834	919 758-6820	GREENVILLE 27858	919 756-2646	GREENVILLE 27834	919 226-9494
GREASON, FRANCES CRAWFORD	074	LENNON, YATES ALTON	074	PURCELL, PETER NELSON	074
106 SCALES PL. M-2	A S	44 COLINDALE COURT	A S	APT. Q-2, DOCTORS PARK	A S
GREENVILLE 27834		GREENVILLE 27834	919 648-4158	GREENVILLE 27834	919 551-3023
GREGORY, GLADYS REGINA	074	LEONARD, MARILYN JEAN	074	PURCELL, VALERIE D.	074
L-13 DOCTORS PARK APTS.	A S	#18 GLENWOOD APTS.	A S	I-11 DOCTORS PARK APTS.	A S
GREENVILLE 27834	919 758-5954	GREENVILLE 27858	919 758-0713	GREENVILLE 27834	919 752-0581
GRIFFIN, STEPHANIE D.	074	LEONHARDT, GARY GENE	074	ROUNDS, JOHN CARSON	074
RT. 1, BOX 260	A S	304 S. JARVIS ST.	A S	104 CHESTERFIELD CT., #26	A * S
MACCLESFIELD 27852	919 827-5567	GREENVILLE 27834	919 758-0978	GREENVILLE 27834	919 355-7427
GRIGGS, JAMES PHILIP, JR.	074	LJUNG, TOR MARTIN	074	SEITTER, DELLMER B., III	074
P. O. BOX 172	A S	PO BOX 788	A S	201 PINERIDGE DR.	A S
WINTERVILLE 28590	919 756-9608	WINTERVILLE 28590	919 355-6674	GREENVILLE 27834	919 551-3384
GROLNICK, CAROL ANN	074	LONDON, DEBORAH LOUISE	074	SESSOMS, RODNEY KEVIN	074
2007-B E. 4TH ST.	A S	508 CIRCLE DR.	A S	1016-B WESTOVER DRIVE	A S
GREENVILLE 27834	919 758-5227	GREENVILLE 27834	919 752-0109	GREENVILLE 27834	919 830-1453
HAGA, EDWARD WAYNE	074	MACDONALD, MARK EDWARD	074	SLATER, PATRICK W., II	074
804 FORBES ST.	A S	107 DUPONT CIRCLE	A S	ROUTE #1, BOX 379	A S
GREENVILLE 27834	919 752-5190	GREENVILLE 27858	919 756-6502	PRINCETON 27569	919 965-2864
HALL, BRENT DWAYNE	074	MAHAFFEY, WILLIAM M.	074	SMITH, JAMES DAVID	074
DOCTOR'S PARK APTS. #P-7	A S	E-8 DOCTORS PARK APTS.	A S	P-2 DOCTORS PARK	A S
GREENVILLE 27834	919 752-7222	GREENVILLE 27834	919 758-6102	GREENVILLE 27834	919 758-7116
HATCH, ALLAN BRAZIEL	074	MASIUS, WILLIAM GLENN	074	SMITH, MICHAEL EARL	074
127 AVERY ST. APT. #3	A S	1801 GREENVILLE BLVD. APT. 19	A S	ROUTE #2, BOX 93	A S
GREENVILLE 27834		GREENVILLE 27858	919 752-5867	WINTERVILLE 28590	919 756-3960
HEATH, STACEY MAURICE	074	MASSENGILL, SUSAN FOSTER	074	SOBOL, TODD LOWELL	074
202-A LINDBETH DR.	A S	2405-1 HORTON BLVD.	A S	919-A BOSCASTLE CT.	A S
GREENVILLE 27834	919 355-2402	WILSON 27893	919 291-6550	COLUMBUS, OHIO 43214	919 752-7202
HENDERSON, CATHY LYNN	074	MAY, ALFRED T., III	074	SPENCER, GEORGE MICHAEL	074
3027 PARK VILLAGE APT. 7-13	A S	25-G COURTNEY SQUARE	A * S	3000 GOLDEN RD., CONDO #7	A S
ADAMS BLVD.		GREENVILLE 27858	919 355-5287	GREENVILLE 27834	919 758-5617
GREENVILLE 27834	919 758-4094	MAYO, KATHY DIANE	074	STANLEY, FRANKIE EDWARD	074
HENSON, DONALD LENTZ, JR.	074	T-5 DOCTORS PARK APTS.	A * S	2410-B E. THIRD ST.	A S
24 SCOTT ST.	A S	GREENVILLE 27834	919 752-2656	GREENVILLE 27834	919 752-6172
GREENVILLE 27834	919 756-7639	MCDONALD, PENELOPE JANE	074	STARLING, SUZANNE P.	074
HINSON, TONY RAY	074	P-3 DOCTOR'S PARK APTS.	A S	RT. 14, BOX 47-A	A * S
RT. #1, BOX 434	A S	GREENVILLE 27834	919 752-7557	GREENVILLE 27834	919 756-8520
GREENVILLE 27834	919 758-5643	MELTON, BARRY CLINE	074	STEVENS, JAMES ROMER	074
HODGES, JOSEPH AL, JR.	074	1095-K CHEYENNE COURT	A S	100 CLUBWAY DR. #34	A S
1108 E. 10TH ST., APT. 3-H	A S	GREENVILLE 27834	919 756-2917	GREENVILLE 27834	919 758-6228
GREENVILLE 27858	919 758-7626	MITCHELL, CHARLES K., JR.	074	STOCKS, ROSE MARY SUTTON	074
IMBODEN, LEY INEZ	074	1400 HOOKER RD., APT. E	A S	406-B S. HARDING ST.	A S
217 E. WOODSTOCK DR.	A S	GREENVILLE 27834	919 756-9098	GREENVILLE 27834	919 758-3686
GREENVILLE 27834	919 756-8735	MONTGOMERY, EMMETT FULCHER	074	SUPIK, LAWRENCE FRANCIS	074
		804 FORBES ST.	A S	207 N. JARVIS ST.	A S
		GREENVILLE 27834	919 752-1490	GREENVILLE 27834	919 752-7289

SWING, DONALD CRAVER, JR. 213 STAFFORDSHIRE DR. GREENVILLE 27834	074 A S 919 756-6912	TOLSON, TIMOTHY ALEXANDER 200 W. 8TH ST., APT. 5-D GREENVILLE 27858	074 A S 919 752-2099	WIGGS, WILLIAM J., JR. 201 PINERIDGE DR. GREENVILLE 27834	074 A S
TAYLOR, JERRY JURGEN 2402-B E. THIRD ST. GREENVILLE 27834	074 A S 919 562-5174	TRANT, CHARLES AMON, JR. 106 SCALES PL., A-8 GREENVILLE 27834	074 A S 919 830-1244	WILLIAMS, MARTIN KEITH F-6 DOCTORS PARK APTS. GREENVILLE 27834	074 A S 919 752-8619
TEACHEY, HERMAN MCKINLEY 404 LAUREL ST. GREENVILLE 27834	074 A S 919 758-4139	WEISNER, LARRY FELIX #12 COUNTRY MANOR APTS. GREENVILLE 27834	074 A S 919 758-9272	YOUNG, CHARLES RICHARD 102 DAVID DR., F-2 GREENVILLE 27834	074 A S 919 752-2918
THOMAS, MILLARD BRADY, III 11-B STRATFORD ARMS GREENVILLE 27834	074 A S 919 756-2373	WEN, DENNIS Y. DOCTORS PARK APTS. L-13 GREENVILLE 27834	074 A S 919 758-5954	YOUNG, GARRET PINKNEY 711 WASHINGTON AVE. AYDEN 28513	074 A S 919 830-1915
TIMMONS, PHILLIP ZACHARY 2402-B E. THIRD ST. GREENVILLE 27834	074 A S 919 488-8162				

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ALVERSON, LISA KAY 375-A UMSTEAD DR. CHAPEL HILL 27514	032 S 919 967-8574	CARSON, SHANNON STEWART 42-A STRATFORD HILLS APTS. CHAPEL HILL 27514	032 A S 919 968-8231	EASON, PAUL RICHARD 1201-A HOLLOWAY LANE CHAPEL HILL 27514	032 A S 919 933-5006
ANDERSON, TERESA T. 104 SILO COURT CARY 27511	032 A S 919 481-1752	CARVER, DONALD D. 218 CONNER DR. APT. 24 CHAPEL HILL 27514	032 A S 919 968-6403	ELKORDY, MAHA ABDUL-HAFEZ 12E SHARON HEIGHTS CHAPEL HILL 27514	032 A S 919 942-7699
ANTLEY, CATHERINE M. 1119 HILLCREST ROAD CHAPEL HILL 27514	032 A S 919 968-1172	CASEY, MARY FRANCES 210 CEDARWOOD LN. CARRBORO 27510	032 A S 919 942-4799	FILLIPO, DREW CRAIG 311 E. PATTERSON PLACE CHAPEL HILL 27514	032 A S 919 967-4626
ATSTUPENAS, ELIOT ANTHONY STRATFORD HILLS APTS. 12-D CHAPEL HILL 27514	032 A S 919 929-9907	CAVALLO, MARTYN J. 130-N E. LONGVIEW RD. CHAPEL HILL 27514	032 A S 919 942-2342	FROHBOSE, FREDERICK ALEXANDER RT. #1, BOX 93-E CHAPEL HILL 27514	032 A S 919 929-3592
AYSUCUE, LANIER HASTY 813 EMORY DR. CHAPEL HILL 27514	032 A S 919 968-0516	CAVENESS, MICHAEL BRYAN 1453-B CAMERON COURT WILMINGTON 28401	032 A S	FUNCIK, THOMAS 237-D JACKSON CIRCLE ODUM VILLAGE CHAPEL HILL 27514	032 A S 919 933-6737
BAKER, KRISTINE D. 516 CHATEAU APTS. CARRBORO 27510	032 A S 919 968-1260	CHAPMAN, SHELLEY J. UNC-CH 121 MACNIDER BLDG. CHAPEL HILL 27514	032 A S 919 722-7006	GANDHI, BRETT R. PO BOX 672 CARRBORO 27510	032 S 919 563-4588
BAUMAN, ROC WINSTON 102 SIDNEY GREEN ST. CHAPEL HILL 27514	032 A S 919 929-5454	CHERRY, JEAN MICHELE 408-B RANSOM ST. CHAPEL HILL 27514	032 A S 919 968-0846	GARRETT, CATHERINE GAELYN 42-J STRATFORD HILLS APTS. CHAPEL HILL 27514	032 A S 919 968-8124
BEAZLEY, MARGIE LANE 13 HAMILTON ROAD CHAPEL HILL 27514	032 A S 919 942-2779	CHIMIAK, JAMES MICHAEL 303 EFFINGHAM ST. APT. 4J PORTSMOUTH, VA 23704	032 A S 919 395-6840	GIFFORD, ALLEN LOTHROP 615-A HIBBARD DR. CHAPEL HILL 27514	032 A S 919 933-5893
BEITZ, LAURIE OWEN 413 PRITCHARD AVE. CHAPEL HILL 27514	032 A S 919 929-7771	CHURCHILL, CAROL ANN 100-A TALL OAKS RD. CHAPEL HILL 27514	032 A S 919 967-0763	GOULSON, DAN T. C-1 FENWAY COURT CARRBORO 27510	032 A S 919 920-2128
BELL, ELIZABETH ANNE 52-B DAVIE CIRCLE CHAPEL HILL 27514	032 A S 919 942-6137	COGGINS, DAVID ALLEN 3233-B PARK RD. CHARLOTTE 28209	032 S 919 967-7511	GROSS, ANDREW HARRY 71 HOFSTRA DR. PLAINVIEW, NY 11803	032 A S 919 967-0206
BELL, JOSEPH TAYLOR, II N-12 THE VILLAGES CARRBORO 27510	032 A S 919 761-0234	COHEN, SUSAN RAY 208 HOWELL ST. CHAPEL HILL 27514	032 A S	HABEL, DAVID CHRISTOPHER 306 BRIAR BRIDGE VALLEY CHAPEL HILL 27514	032 A S 919 933-8109
BICKSTON, STEPHEN JOSEPH #73 HAMILTON ROAD CHAPEL HILL 27514	032 A S 919 933-3027	COLE, JACK MARTIN D-7 BERKSHIRE MANOR APTS. CARRBORO 27510	032 A S	HALPERN, EMILY ALYSSA 304 CEDARWOOD LN. CARRBORO 27510	032 A S 919 933-9037
BIEHLER, DARREN FOSTER 108-A ESTES DR. CARRBORO 27510	032 A S 919 942-9519	COLES, DEBRA LYNN 212 MCCAULEY ST. 1-B CHAPEL HILL 27514	032 A S 919 968-1909	HARMAN, LAURA S. 207 CONNER DR. APT. 23 CHAPEL HILL 27514	032 A S 919 967-6791
BLEYNAT, MICHELLE LOUISE 207 SUMMERWALK CIRCLE CHAPEL HILL 27514	032 A S 919 929-7746	COOK, DAVID MARTIN 117 OAK ST. CARRBORO 27510	032 A S 919 968-9933	HART, ROBERT ERIC C-5 211 CHURCH ST. CHAPEL HILL 27514	032 A S 919 967-0370
BOLICK, CHARLES ARTHUR 901-A N. GREENSBORO ST. CARRBORO 27510	032 A S 919 929-6342	COVEY, JONATHAN BALDRIDGE P-2 OLD WELL APTS. 501 JONES FERRY RD. CARRBORO 27510	032 A S 919 942-5477	HATCHETT, JOHN FRANKLIN, JR. UNC. 458 CRAIGE DORMITORY CHAPEL HILL 27514	032 A S 919 933-3491
BOWES, WATSON ALLEN, III 38-A DAVIE CIRCLE CHAPEL HILL 27514	032 A S 919 942-6988	COVINGTON, DONALD SCOTT 136-A PUREFOY RD. CHAPEL HILL 27514	032 A S	HAVOUNDJIAN, HRATCHIA 506 N. GREENSBORO ST., #43 CARRBORO 27510	032 A S 301 654-8309
BOYD, WILLIAM MONROE, V #1 SPRING GARDEN APTS. CHAPEL HILL 27514	032 A S 919 968-0106				

HEBERT, MARY ELIZABETH 311 S. LASALLE ST. APT. 8-I DURHAM 27705	032 A S 919 383-8780	MAINELLA, PAUL JOSEPH L-14 THE VILLAGES APTS. CARRBORO 27510	032 A S 919 967-9446	PETERSON, JEFFREY MCBRAYER 2 SPRING GARDEN, HOLLAND DR. CHAPEL HILL 27514	032 A S 919 933-0153
HINN, ALBERT RICHARD 1453-B CAMERON CT. WILMINGTON 28401	032 A S 919 967-7511	MARSDEN, MARGARET E. FERRITER 200 WOODCROFT PARKWAY, #40-B DURHAM 27713	032 A S 919 489-8433	PPAFF, HERBERT CHARLES 1204 N. GREGSON ST. DURHAM 27701	032 A S 919 682-8336
HOFFMAN, JEFFREY DALE 214 HAMLIN PARK CHAPEL HILL 27514	032 A S 919 968-7604	MARTIN, HAROLD LUTHER, JR. 1200 N. GREENSBORO ST. CARRBORO 27510	032 A S 919 929-8334	PHILLIPS, KATHRYN ELIZABETH 200 BLUERIDGE RD. CARRBORO 27510	032 A S 919 967-1058
HOLLAND, GEORGE THOMAS 1511 ROBINHOOD ROAD DURHAM 27701	032 A S 919 682-8733	MAY, DAVID ALAN 100-D BERNARD ST. CHAPEL HILL 27514	032 A S 919 929-3078	PLESCIA, MARCUS 101-A STEPHENS ST. CHAPEL HILL 27514	032 A S 919 929-9858
HOOTEN, JAMES PHILMON, JR. 3535 APOLLO DR. APT. J-213 METAIRE, LA 70003	032 A S	MAYNOR, JAYNE PATRICE P. O. BOX 606 PEMBROKE 28372	032 A S 919 521-4208	PONDER, PHILIP WADE 405-A COOLIDGE ST. CHAPEL HILL 27514	032 A S 919 782-1769
HOOTEN, MARK TAYLOR 205-D BOLINWOOD APTS. 500 UMSTEAD CHAPEL HILL 27514	032 S 919 763-0940	MCCULLEN, BOBBY K., JR. 207 CONNER DR. APT. 17 CHAPEL HILL 27514	032 * S 919 942-4623	PORTER, DEAN PRIEST 250 S. ESTES DR. #34 CHAPEL HILL 27514	032 A S 919 933-7840
HOYLE, DAVID EMORY 5331 YARDLEY TERRACE DURHAM 27707	034 A S 919 493-9279	MCDONALD, CARY CRANE 2914 N. BROADWAY #1 CHICAGO, IL 60657	032 A S	PRIVETTE, MELINDA HILL 29 MAXWELL RD. CHAPEL HILL 27514	032 A S 919 967-7156
HOYLE, ROBERT MARK ROUTE #4, BOX 69A RUTHERFORDTON 28139	032 A S 704 286-3335	MCGUIRE, MARSDEN HAMILTON 1320-10 EPHEsus CHURCH RD. CHAPEL HILL 27514	032 A S 919 942-8453	RICHMOND, GLENN HICKAM, JR. CAMELOT VILLAGE, J-4 CHAPEL HILL 27514	032 A S 919 929-4483
HUBBERT, LEROY KARL 3234-D CALUMET DR. RALEIGH 27610	032 A S 919 755-0348	MCGUIRT, WILLIAM FREDERICK, JR. PO BOX 713 CARRBORO 27510	032 A S 919 929-5170	RIRIE, DOUGLAS G. 130 #M E. LONGVIEW CHAPEL HILL 27514	032 A S 919 967-0746
HUDSPETH, DUDLEY ALLEN 102 ECHO GLEN DR. E-4 WINSTON-SALEM 27106	032 A S 919 724-6189	MCLEOD, MELISSA MYTYLE 27 SPRING GARDEN APTS. HOLLAND DR. CHAPEL HILL 27514	032 A S 919 489-2989	ROBERTS, BENNIE DWAYNE RT. #2, BOX 117-S WARSAW 28398	032 A S 919 929-3098
RANI, WALEED NABIL 12-D STRATFORD HILLS APTS. CHAPEL HILL 27514	032 A S 919 929-9907	MELTON, JAMES WILLARD, JR. 302-F BOLINWOOD APTS. CHAPEL HILL 27514	032 A S 919 942-1729	ROLLER, JEFFERY EARL 405-C MASON FARM RD. CHAPEL HILL 27514	032 A S 919 933-6784
RION, JAMES CARNEY RT. #4, BOX 588, HATCH RD. CHAPEL HILL 27514	032 A S 919 967-7729	MELVIN, TERESA BOWEN RT. #1, BOX 9F LONG ISLAND 28648	032 A S 704 478-3436	ROYAL, PHILIP WAYNE RT. #1, BOX 323-E CHAPEL HILL 27514	032 A S
RES, DONALD LELAND 303-B MASON FARM RD. CHAPEL HILL 27514	032 A S 919 929-4303	MICHAEL, JAY BENJAMIN TAR HEEL MANOR APTS. E-7 HWY. 54 BYPASS CARRBORO 27510	032 A S 919 929-4809	SANDERS, GEO. HERBERT SUMNER 119 F-4 FIDELITY ST. CARRBORO 27510	032 A S 919 942-0546
ABLONOVER, ROBERT STEPHAN 107 MALLARD COURT CHAPEL HILL 27514	032 A S	MOORE, MELISA DARA 102-B ISLEY STREET CHAPEL HILL 27514	032 A * S 919 929-7263	SAWHNEY, DEEPAK 4 GOOSENECK CIRCLE CHAPEL HILL 27514	032 A S 919 968-1747
OHNSON, MICHAEL DONALD RT. #5, BOX 358-GA CHAPEL HILL 27514	032 A S 919 929-9775	MORIN, JUDITH K. 500 UMSTEAD DR. 201-F CHAPEL HILL 27514	032 A S 919 967-0440	SCHEIL, CHARLES DAVID 24-F STRATFORD HILLS CHAPEL HILL 27514	032 A S 919 967-4308
ONES, CONSTANCE CARPENTER 415 PRINCE CROSSING 0-5 WEST CHICAGO, IL 60185	032 A S 919 968-0023	MUNDAY, TONA LEIGH D-6 GRAHAM CONDOS. MC CAULEY ST. CHAPEL HILL 27514	032 A S 919 929-0577	SCHWARTZBERG, MARC SCOTT 6-A ESTES PARK APTS. CARRBORO 27510	032 A S 919 967-8034
OEHLER, LISA ANN 1521 E. FRANKLIN ST. B-211 FRANKLIN WOODS CHAPEL HILL 27514	032 A S 919 933-7515	NAHSER, PHILIP JOSEPH, JR. 214-C BRANSON ST. CHAPEL HILL 27514	032 A S	SCOTT, EDWIN HUGHES 99 MAXWELL ROAD CHAPEL HILL 27514	032 A S 919 942-3115
UNO, RITSU CHALET I, GREENE ST. CHAPEL HILL 27514	032 A S 919 942-4992	NOECKER, ROBERT J. PO BOX 884 CHAPEL HILL 27514	032 A * S 919 781-0707	SEATON, KAREN GIPSON 59 POLKS LANDING CHAPEL HILL 27514	032 A S 919 933-9515
ATIMER, HARRISON A. APT. F-8, CAMELOT VILLAGE CHAPEL HILL 27514	032 A S 919 968-1927	NOEL, ROBERT F., JR. RT. #11, BOX 94 CHAPEL HILL 27514	032 A S 919 968-6454	SESSIONS, RICK PAUL 210 WESTBROOK DR. CARRBORO 27510	032 A S 919 933-5880
AWRENCE, THOMAS EARL K-8 TAR HEEL MANOR APTS CARRBORO 27510	032 A S 919 967-3398	NOVEK, STEVEN JAI A-11 UNIVERSITY GARDENS APTS. CHAPEL HILL 27514	032 A S 919 929-8823	SHAHADY, GERTRUDE KOCH 112-A W. POPLAR AVE. CARRBORO 27510	032 A S 919 942-2077
EE, EDWARD I. 702 N. COLUMBIA ST. CHAPEL HILL 27514	032 A S 919 942-8828	OLATIDOYE, BABATILINDE A. PO BOX 187 CHAPEL HILL 27514	032 A S 919 933-6346	SHARPLESS, ELIZABETH P. 207 CONNER DR. APT. 23 CHAPEL HILL 27514	032 A S 919 967-6791
EVIN, STUART JEFFREY 0-9 OLD WELL APTS. CARRBORO 27510	032 A S 919 968-1623	OVERCASH, WILLIAM TODD P.O. BOX 1694 ALBEMARLE 28002	032 A S	SHEPARD, ARTHUR JAMES, III 130-N EAST LONGVIEW CHAPEL HILL 27514	032 A S 919 942-2342
INEBERGER, CATHERINE KUHN 63 LONGWOOD AVE. #3 BROOKLINE, MA 02146	032 A S 919 929-1356	OWLSMITH, FRANCES 301 ROLLINGWOOD ROAD CHAPEL HILL 27514	032 A * S 919 933-5102	SHERRILL, GARY BRADLEY 200 GREEN ST. CHALET APTS. APT. K CHAPEL HILL 27514	032 A S 919 929-2435
ITCHFIELD, JAY ROBERT 212 MCCAULEY ST. APT. 1-B CHAPEL HILL 27514	032 A S 919 968-1909	PADGETT, RICHARD CAMERON 411 MCCAULEY ST. CHAPEL HILL 27514	032 A S 919 942-5518	SINGER, JAMES DANIEL DD6 OLD WELL CONDOS CARRBORO 27510	032 A S 919 968-4482
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Alphabetical List of Members

Fifty Year Club

The House of Delegates of the North Carolina Medical in May of 1953, authorized the Executive Council of the Society to establish a special recognition for those physicians residing in the State of North Carolina who were members currently of the State Medical Society, who had established legal practice of medicine and who had actively practiced medicine during their life time for a period of fifty years,

Listed below in alphabetical order are the names and addresses of those physicians who resided in North Carolina and whom the North Carolina Medical Society has recognized as members of the FIFTY YEAR CLUB of the State Medical Society. This list will be added to from year to year and likewise subtracted from as losses to this club group are sustained and reckoned.

The listing for 1987 only may include Fifty Year Club members who have passed away since their recognition. The list for other years will include only those members surviving.

- 1968**—Smith, Claiborne Thweat, M.D., Rocky Mount
- 1969**—Marsh, Frank Baker, M.D., Salisbury
- 1970**—Lovelace, Thomas Claude, M.D., Henrietta
Lyday, Russell Osborne, M.D., Greensboro
- 1971**—Caviness, Verne Strudwick, M.D., Raleigh
Geddie, Kenneth Baxter, M.D., High Point
Lutterloh, Isaac Hayden, Sr., M.D., Sanford
Norburn, Charles S., M.D., Biltmore
- 1973**—Griffin, Harold Walker, M.D., Hickory
Prather, Fonzo Goff, M.D., Asheville
Robertson, John Newton, M.D., Fayetteville
- 1974**—Bowles, Francis Norman, M.D., Durham
Monroe, Clement R., M.D., Pinehurst
Sloan, Allen Barry, M.D., Charlotte
- 1975**—Ader, Ottis Ladeau, M.D., Durham
Dale, Grover Cleveland, M.D., Goldsboro
Hart, Oliver James, Sr., M.D., Winston-Salem
Howard, Corbett Etheridge, M.D., Goldsboro
Little, Lonnie Marcus, M.D., Statesville
Norburn, Russell Lee, M.D., Asheville
Whaley, James Davant, M.D., Hickory
- 1976**—Bennett, Ernest Claxton, M.D., Elizabethtown
Combs, Joseph John, M.D., Raleigh
Davis, Philip Bibb, M.D., High Point
Nowlin, George Preston, M.D., Charlotte
Royal, Donnie Martin, M.D., Salemburg
Tuggle, Allan Davis, M.D., Charlotte
Young, John Clingman, M.D., Asheville
- 1977**—Battle, Newsome P., M.D., Rocky Mount
Brown, Kermit English, M.D., Asheville
Easom, Herman Franklin, M.D., Wilson
Felton, Robert Lee, Jr., M.D., Carthage
Kempner, Walter, M.D., Durham
MacRae, John Donald, M.D., Dunedin, FL
Moss, George Oren, M.D., Forest City
Richman, Samuel, M.D., Greensboro
- 1978**—Houser, Forest Melville, M.D., Cherryville
Hunter, John Baldwin, M.D., Shelby
Leonard, Jacob Calvin, Jr., M.D., Lexington
Newland, Charles Logan, M.D., Brevard
Ogburn, Lundie Calvin, M.D., Winston-Salem
Richardson, William Perry, M.D., Chapel Hill
- 1979**—Baldwin, Marie, M.D., Asheville
Covington, John M. C., M.D., Roanoke Rapids
Floyd, William Russel, M.D., Concord
Kendall, Benjamin Horton, M.D., Shelby
Kneedler, William Harding, M.D., Concord
McDowell, Roy Hendrix, M.D., Belmont
Morris, Rae Henderson, M.D., Concord
Rhodes, John Sloan, M.D., Raleigh
- 1980**—Beavers, James Wallace, M.D., Greensboro
Bird, Ignacio, M.D., Greensboro
Bonner, Merle Dumont, M.D., Greensboro
Cathell, Edwin Jennings, M.D., Lexington
Cook, William Eugene, M.D., Fayetteville
Crowell, Lester Avant, Jr., M.D., Lincolnton
Crumpler, James Fulton, M.D., Rocky Mount
Duffy, Charles, M.D., New Bern
Hare, Ransom Bryant, Jr., M.D., Black Mountain
Jaynes, Grace S., M.D., Tryon
LeBauer, Maurice Leon, M.D., Greensboro
LeBauer, Sidney Ferring, M.D., Greensboro
Lewis, Clifford Whitfield, M.D., High Point
Orgain, Edward Stewart, M.D., Durham
Owens, Zack Doxey, M.D., Camden
Roberson, Robert Stuart, M.D., Hazelwood
Robinson, Charles Wilson, M.D., Charlotte
Seay, Hillis Ledbetter, M.D., Huntersville
Shaw, Lloyd R., M.D., Statesville
Wilson, Stephen Glenn, Sr., M.D., Angier
- 1981**—Cranz, Oscar William, M.D., Kinston
Field, Bob Lewis, M.D., Salisbury
Fleming, Laurence Edwin, M.D., Charlotte
Green, Harold D., M.D., Punta Gorda, FL
Hedgpeth, Edward McGowan, M.D., Chapel Hill
Helsabeck, Belmont Augustus, M.D., Winston-Salem
Highsmith, William Cochran, M.D., Fayetteville
Holmes, George Washington, M.D., Winston-Salem
McLeod, Vida Canaday, M.D., Southern Pines
Owen, Robert Harrison, M.D., Canton
Papineau, Alban, M.D., Plymouth
Paschal, George Washington, Jr., M.D., Raleigh
Prefontaine, J. Edouard, M.D., Greensboro
Redwine, James Daniel, M.D., Lexington
Register, John Francis, M.D., Greensboro
Ruark, Robert James, M.D., Raleigh
Sargent, Winston Arthur Y., M.D., Burnsville
Slate, Marvin Longworth, M.D., High Point
Stroupe, Albertus Ula, Jr., M.D., Mount Holly
Walsh, C. Douglas, M.D., Salisbury
Williams, John Dudley, Jr., M.D., Greensboro
Wilson, Roeby Bryant, M.D., Gastonia
Young, David Alexander, M.D., Raleigh

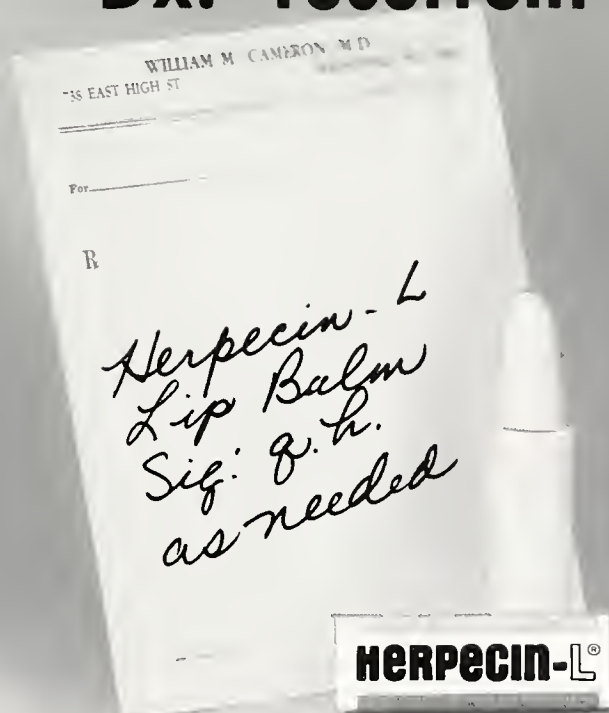
- 1982**—Arena, Jay Morris, M.D., Durham
 Ayers, James Salisbury, M.D., Clinton
 Blackerby, James, M.D., New Bern
 Bradley, Harold John, Sr., M.D., Greensboro
 Brinkhous, Kenneth Merle, M.D., Chapel Hill
 Caldwell, Lawrence McClure, Sr., M.D., Newton
 Callaway, Jasper Lamar, M.D., Durham
 Cox, Alexander McNeil, M.D., Madison
 Fales, Robert Martin, M.D., Wilmington
 Ferguson, George Burton, M.D., Durham
 Fleming, William Leroy, M.D., Chapel Hill
 Gerrard, Robert Lemley, M.D., Greensboro
 Graham, Charles Pattison, M.D., Wilmington
 Graham, William Alexander, M.D., Durham
 Haar, Frederick Behrend, M.D., Greenville
 Holbrook, J. Sam, M.D., Statesville
 Lund, Herbert Zachareus, M.D., Greensboro
 Lupton, Carroll Crescent, M.D., Greensboro
 Mayer, Walter Brem, M.D., Charlotte
 Paden, Paul Alexander, M.D., Charlotte
 Printz, Don Ralph, M.D., Asheville
 Robertson, James Mebane, M.D., Harmony
 Sox, Carl Caughman, M.D., Kenly
 Worley, James Harr, M.D., Asheville
 Zealy, A. H., M.D., Goldsboro
- 1983**—Baker, Lenox Dial, Sr., M.D., Durham
 Barnhardt, Albert Earl, M.D., Kannapolis
 Battle, Margaret E. White, M.D., Rocky Mount
 Bellows, Rowland Thompson, M.D., Charlotte
 Biggs, John Irvin, M.D., Lumberton
 Black, Paul Adrian L., M.D., Wilmington
 Boyce, Oren Douglas, M.D., Gastonia
 Brown, Walter John, M.D., Pittsboro
 Cardwell, Willard, M.D., Greensboro
 Conard-Corkey, Elizabeth M., M.D., Charlotte
 Dalton, Bennie Booker, M.D., Wrightsville Beach
 Dees, John Essary, M.D., Durham
 Donnelly, Grant L., M.D., Salisbury
 Dunn, Richard Berry, M.D., Climax
 Flythe, William Henry, M.D., High Point
 Garrison, Ralph Bernard, M.D., Hamlet
 Gay, Charles Houston, M.D., Charlotte
 Glenn, Channing, M.D., Elizabethtown
 Harrill, Henry Clay, M.D., Greensboro
 Harris, Isaac Emoron, Jr., M.D., Durham
 Hawes, Charles Forest, M.D., Rose Hill
 Hedgpeth, William Carey, M.D., Lumberton
 Henderson-Smathers, Irma C., M.D., Asheville
 Hightower, Felda, M.D., Winston-Salem
 Jones, O. Hunter, M.D., Charlotte
 Jones, Thomas Thweatt, M.D., Durham
 Justa, Samuel Harry, M.D., Palm Beach, FL
 Kamp, Maurice Arthur, M.D., Charlotte
 Leiby, George Martin, M.D., Albermarle
 Lore, Ralph Eli, M.D., Lenoir
 McKee, Lewis Middleton, M.D., Durham
 Monroe, Lance Truman, M.D., Concord
 Odom, Guy Leary, M.D., Durham
 Olson, Robert Mortimer, M.D., Kenly
 Outland, Robert Boone, M.D., Rich Square
 Pitts, William Reid, M.D., Charlotte
 Raney, Richard Beverly, Sr., M.D., Chapel Hill
 Roberts, Roy Foster, M.D., Asheville
 Salle, George Frederic, M.D., Greenville
 Scheibel, H. Max, M.D., Durham
 Shinn, George Clyde, M.D., China Grove
 Sinclair, L. Gordon, M.D., Raleigh
 Smith, O. Norris, M.D., Greensboro
- Stead, Eugene Anson, Jr., M.D., Bullock
 Vance, Shelby William, M.D., Pineola
 Verhoeff, Dirk, M.D., Hilton Head Island, SC
 Wall, William Stanley, M.D., Rocky Mount
 Wearn, Franklin Stafford, M.D., Statesville
 Whitaker, James Allen, M.D., Rocky Mount
 Wilson, Frank Elmore, M.D., Lenoir City, TN
 Wilson, William Lenoir, M.D., Pensacola, FL
 Woodard, Barney Lelon, M.D., Kenly
 Yurko, Anthony Andrew, M.D., Tryon
- 1984**—Alexander, James Moses, M.D., Charlotte
 Barefoot, William Frederick, M.D., Whiteville
 Carter, Warren Dallas, M.D., San Jose, CA
 Croom, Robert DeVane, Jr., M.D., Maxton
 Dees, Susan Coons, M.D., Durham
 Hammond, Alfred Franklin, Jr., M.D., New Bern
 Jamison, Edgar Lamont, M.D., Asheboro
 Lohr, Dermot, M.D., Lexington
 Meadows, Joseph Herman, M.D., Wilson
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 Oliver, Joseph Andrew, M.D., Rockwell
 Quigless, Milton Douglas, Sr., M.D., Tarboro
 Roberson, Edward Leon, M.D., Tarboro
 Sain, Fletcher Dover, M.D., Rocky Mount
 Schnee, Charles Frederick, M.D., New Bern
 Simmons, James Slater, M.D., Sanford
 Smith, Roy Meadows, M.D., Greensboro
 Taylor, Andrew Duval, M.D., Charlotte
 Taylor, Thomas Jefferson, M.D., Roanoke Rapids
 Umphlet, Thomas Leonard, M.D., Raleigh
 Warwick, Hight Claudius, M.D., Greensboro
 Whitaker, Richard Harper, M.D., Kernersville
 Wynn, Roy Spurgeon, M.D., Charlotte
- 1985**—Bacon, Harold Lyle, M.D., Bryson City
 Bertling, Marion Henry, M.D., Greensboro
 Byerly, James Hampton, M.D., Sanford
 Campbell, Joseph Lester, M.D., Wilson
 Craig, Robert Lawrence, M.D., Asheville
 Eyerman, Melvin Frederic, M.D., Winston-Salem
 Fisher, Marshall Louis, M.D., New York, NY
 Hamrick, John Carl, M.D., Shelby
 Kendall, John Harold, M.D., Clinton
 King, Duncan Ingraham C., M.D., Hendersonville
 Knoefel, Arthur Eugene, Jr., M.D., Black Mountain
 McKenzie, Wayland Nash, M.D., Albemarle
 McLeod, Mary Margaret, M.D., Sanford
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 Rollins, Charles Dick, M.D., Henderson
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 Stevens, Joseph Blackburn, M.D., Greensboro
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 Stewart, John Reagan, M.D., Statesville
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 Williams, Robert, M.D., Raleigh
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 Wright, John Joseph, M.D., Chapel Hill
- 1986**—Bethel, Millard Baimbridge, M.D., Chapel Hill
 Bundy, William Lumsden, M.D., North Wilkesboro
 Caldwell, Robert Manfred, M.D., Dobson
 Etherington, John Lawrence, M.D., Goldsboro
 Fabian, Denis, M.D., Fayetteville

Gunter, June U., M.D., Durham
 Harmon, Raymond Harris, M.D., Boone
 Hinman, Havilah Edward, M.D., Skyland
 Jones, Craig S., M.D., Naples, FL
 Massengill, G. K., M.D., Raleigh
 McAlister, Jean Colvin, M.D., Greensboro
 Miller, Milton Leonard, M.D., Chapel Hill
 Morehead, Robert Page, M.D., Winston-Salem
 Newell, Robert Bartholomew, M.D., Morehead City
 Rogers, Seymour Shulman, M.D., Greensboro
 Sealy, Will Camp, M.D., Macon, GA
 Troutman, Baxter Suttles, M.D., Lenoir
 Verhoeff, Dirk, M.D., Hilton Head, SC
 Wadsworth, George Henry, M.D., Ahoskie
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 Howell, Charles Maitland, Jr., M.D., Winston-Salem
 Matthews, William Camp, M.D., Chester, SC
 Norfleet, Charles Millner, Jr., M.D., Winston-Salem
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 Pishko, Michael T., M.D., Pinehurst
 Smith, Allen Dale, M.D., Durham
 Street, Murdo Eugene, Jr., M.D., Glendon
 Vaughan, Edwin Warner, M.D., Greensboro
 Wharton, C. Watson, M.D., Smithfield
 Williams, McChord, M.D., Charlotte
 Williamson, Rossie Marshall, M.D., N. Myrtle Beach, SC
 Wilson, Jack Kennedy, Sr., M.D., Wilmington
 Wilson, Samuel Allen, M.D., Lincolnton
 Wright, John Everett, M.D., Fuquay-Varina

1987—Anderson, Elbert Carl, M.D., Wilmington
 Barringer, Archibald L., M.D., Mt. Pleasant
 Biggs, John Irvin, M.D., Lumberton
 Burroughs, Ruth Reuben, M.D., Raleigh
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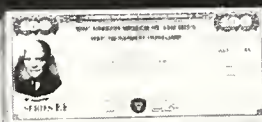
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Before prescribing, please consult complete product information, a summary of which follows:

Indications: Management of anxiety disorders; short-term relief of anxiety symptoms, acute alcohol withdrawal symptoms, preoperative apprehension and anxiety. Usually not required for anxiety or tension associated with stress of everyday life. Efficacy beyond four months not established by systematic clinical studies. Periodic reassessment of therapy recommended.

Contraindications: Known hypersensitivity to the drug.

Warnings: Warn patients that mental and/or physical abilities required for tasks such as driving or operating machinery may be impaired, as may be mental alertness in children, and that concomitant use with alcohol or CNS depressants may have an additive effect. Though physical and psychological dependence have rarely been reported on recommended doses, use caution in administering to addiction-prone individuals or those who might increase dosage. Withdrawal symptoms (including convulsions) reported after abrupt cessation of extended use of excessive doses are similar to those seen with barbiturates. Milder symptoms reported infrequently when continuous therapy is abruptly ended. Avoid abrupt discontinuation; gradually taper dosage.

Usage in Pregnancy: Use of minor tranquilizers during the first trimester should almost always be avoided because of increased risk of congenital malformations as suggested in several studies. Consider possibility of pregnancy when instituting therapy; advise patients to discuss therapy if they intend to or do become pregnant.

Precautions: In the elderly and debilitated, and in children over six, limit to smallest effective dosage (initially 10 mg or less per day) to preclude ataxia or oversedation, increasing gradually as needed and tolerated. Not recommended in children under six. Though generally not recommended, if combination therapy with other psychotropics seems indicated, carefully consider individual pharmacologic effects, particularly in use of potentiating drugs such as MAO inhibitors and phenothiazines. Observe usual precautions in presence of impaired renal or hepatic function. Paradoxical reactions (e.g., excitement, stimulation and acute rage) have been reported in psychiatric patients and hyperactive aggressive children. Employ usual precautions in treatment of anxiety states with evidence of impending depression; suicidal tendencies may be present and protective measures necessary. Variable effects on blood coagulation have been reported very rarely in patients receiving the drug and oral anticoagulants; causal relationship has not been established clinically. Due to isolated reports of exacerbation, use with caution in patients with porphyria.

Adverse Reactions: Drowsiness, ataxia and confusion may occur, especially in the elderly and debilitated. These are reversible in most instances by proper dosage adjustment, but are also occasionally observed at the lower dosage ranges. In a few instances syncope has been reported. Also encountered are isolated instances of skin eruptions, edema, minor menstrual irregularities, nausea and constipation, extrapyramidal symptoms, increased and decreased libido—all infrequent and generally controlled with dosage reduction; changes in EEG patterns (low-voltage fast activity) may appear during and after treatment, blood dyscrasias (including agranulocytosis), jaundice and hepatic dysfunction have been reported occasionally, making periodic blood counts and liver function tests advisable during protracted therapy.

Usual Daily Dosage: Individualize for maximum beneficial effects. Oral—Adults: Mild and moderate anxiety disorders and symptoms, 5 or 10 mg t.i.d. or q.i.d.; severe states, 20 or 25 mg t.i.d. or q.i.d. Geriatric patients, 5 mg b.i.d. to q.i.d. (See Precautions).

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Please see adjacent page for a summary of product information.

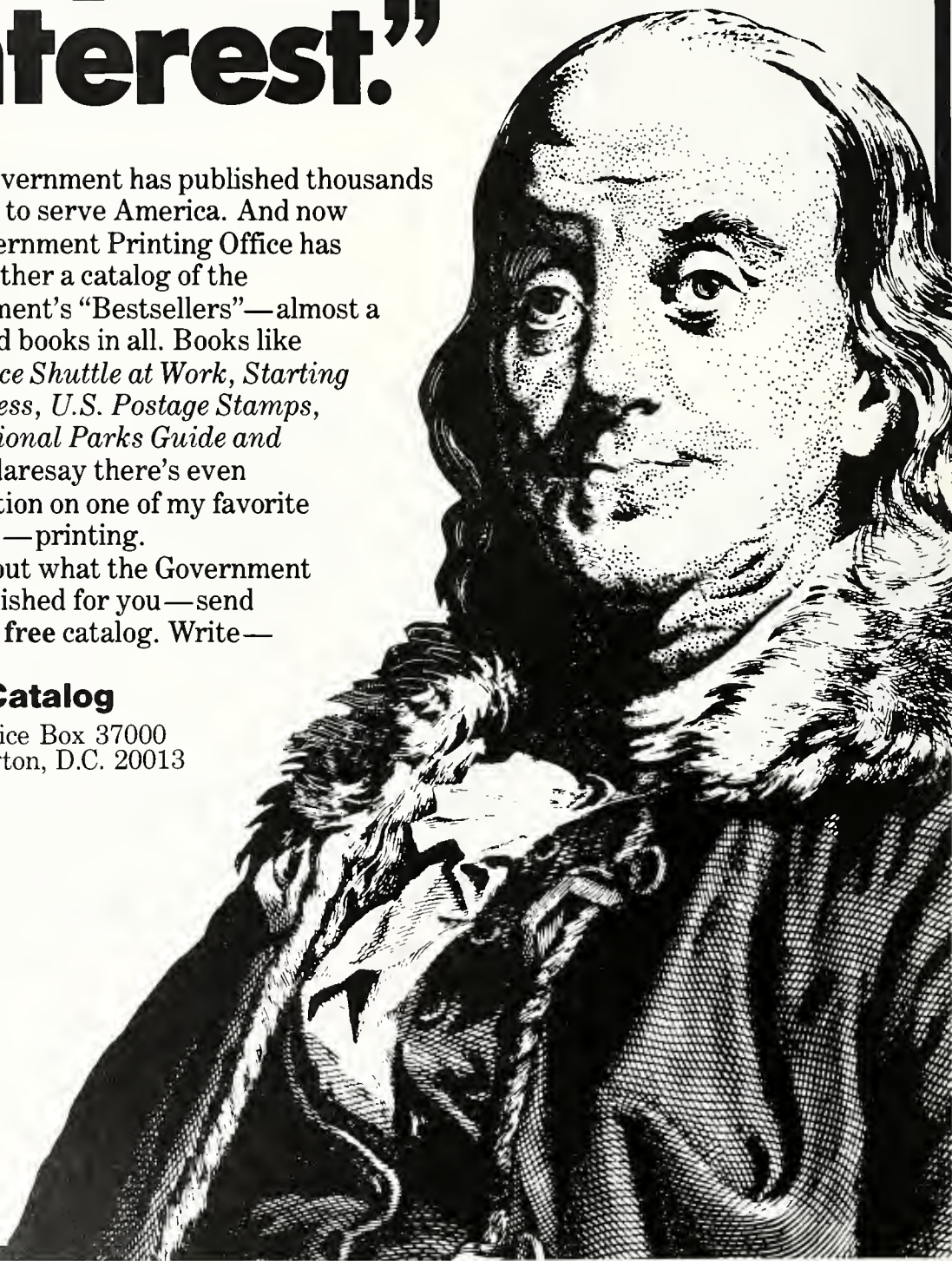
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WARNING

This drug is not indicated for initial therapy of edema or hypertension. Edema or hypertension requires therapy titrated to the individual. If this combination represents the dosage so determined, its use may be more convenient in patient management. Treatment of hypertension and edema is not static, but must be reevaluated as conditions in each patient warrant.

Contraindications: Concomitant use with other potassium-sparing agents such as spironolactone or amiloride. Further use in anuria, progressive renal or hepatic dysfunction, hyperkalemia. Pre-existing elevated serum potassium. Hypersensitivity to either component or other sulfonamide-derived drugs.

Warnings: Do not use potassium supplements, dietary or otherwise, unless hypokalemia develops or dietary intake of potassium is markedly impaired. If supplementary potassium is needed, potassium tablets should not be used. Hyperkalemia can occur, and has been associated with cardiac irregularities. It is more likely in the severely ill, with urine volume less than one liter/day, the elderly and diabetics with suspected or confirmed renal insufficiency. Periodically, serum K⁺ levels should be determined. If hyperkalemia develops, substitute a thiazide alone, restrict K⁺ intake. Associated widened QRS complex or arrhythmia requires prompt additional therapy. Thiazides cross the placental barrier and appear in cord blood. Use in pregnancy requires weighing anticipated benefits against possible hazards, including fetal or neonatal jaundice, thrombocytopenia, other adverse reactions seen in adults. Thiazides appear and triamterene may appear in breast milk. If their use is essential, the patient should stop nursing. Adequate information on use in children is not available. Sensitivity reactions may occur in patients with or without a history of allergy or bronchial asthma. Possible exacerbation or activation of systemic lupus erythematosus has been reported with thiazide diuretics.

Precautions: The bioavailability of the hydrochlorothiazide component of 'Dyazide' is about 50% of the bioavailability of the single entity. Theoretically, a patient transferred from the single entities of triamterene and hydrochlorothiazide may show an increase in blood pressure or fluid retention. Similarly, it is also possible that the lesser hydrochlorothiazide bioavailability could lead to increased serum potassium levels. However, extensive clinical experience with 'Dyazide' suggests that these conditions have not been commonly observed in clinical practice. Angiotensin-converting enzyme (ACE) inhibitors can elevate serum potassium; use with caution with 'Dyazide'. Do periodic serum electrolyte determinations (particularly important in patients vomiting excessively or receiving parenteral fluids, and during concurrent use with amphotericin B or corticosteroids or corticotropin [ACTH]). Periodic BUN and serum creatinine determinations should be made, especially in the elderly, diabetics or those with suspected or confirmed renal insufficiency. Cumulative effects of the drug may develop in patients with impaired renal function. Thiazides should be used with caution in patients with impaired hepatic function. They can precipitate coma in patients with severe liver disease. Observe regularly for possible blood dyscrasias, liver damage, other idiosyncratic reactions. Blood dyscrasias have been reported in patients receiving triamterene, and leukopenia, thrombocytopenia, agranulocytosis, and aplastic and hemolytic anemia have been reported with thiazides. Thiazides may cause manifestation of latent diabetes mellitus. The effects of oral anticoagulants may be decreased when used concurrently with hydrochlorothiazide; dosage adjustments may be necessary. Clinically insignificant reductions in arterial responsiveness to norepinephrine have been reported. Thiazides have also been shown to increase the paralyzing effect of nondepolarizing muscle relaxants such as tubocurarine. Triamterene is a weak folic acid antagonist. Do periodic blood studies in cirrhotics with splenomegaly. Antihypertensive effects may be enhanced in post-sympathectomy patients. Use cautiously in surgical patients. Triamterene has been found in renal stones in association with the other usual calculus components. Therefore, 'Dyazide' should be used with caution in patients with histories of stone formation. A few occurrences of acute renal failure have been reported in patients on 'Dyazide' when treated with indomethacin. Therefore, caution is advised in administering nonsteroidal anti-inflammatory agents with 'Dyazide'. The following may occur: transient elevated BUN or creatinine or both, hyperglycemia and glycosuria (diabetic insulin requirements may be altered), hyperuricemia and gout, digitalis intoxication (in hypokalemia), decreasing alkali reserve with possible metabolic acidosis. 'Dyazide' interferes with fluorescent measurement of quinidine. Hypokalemia is uncommon with 'Dyazide', but should it develop, corrective measures should be taken such as potassium supplementation or increased dietary intake of potassium-rich foods. Corrective measures should be instituted cautiously and serum potassium levels determined. Discontinue corrective measures and 'Dyazide' should laboratory values reveal elevated serum potassium. Chloride deficit may occur as well as dilutional hyponatremia. Concurrent use with chlorpropamide may increase the risk of severe hyponatremia. Serum PBI levels may decrease without signs of thyroid disturbance. Calcium excretion is decreased by thiazides. 'Dyazide' should be withdrawn before conducting tests for parathyroid function. Thiazides may add to or potentiate the action of other antihypertensive drugs. Diuretics reduce renal clearance of lithium and increase the risk of lithium toxicity.

Adverse Reactions: Muscle cramps, weakness, dizziness, headache, dry mouth, anaphylaxis, rash, urticaria, photosensitivity, purpura, other dermatological conditions; nausea and vomiting, diarrhea, constipation, other gastrointestinal disturbances; postural hypotension (may be aggravated by alcohol, barbiturates, or narcotics). Necrotizing vasculitis, paresthesias, icterus, pancreatitis, xanthopsia and respiratory distress including pneumonitis and pulmonary edema, transient blurred vision, sialadenitis, and vertigo have occurred with thiazides alone. Triamterene has been found in renal stones in association with other usual calculus components. Rare incidents of acute interstitial nephritis have been reported. Impotence has been reported in a few patients on 'Dyazide', although a causal relationship has not been established.

Supplied: 'Dyazide' is supplied as a red and white capsule, in bottles of 1000 capsules; Single Unit Packages (unit-dose) of 100 (intended for institutional use only); in Patient-Pak™ unit-of-use bottles of 100.

BRS-DZ:L42

In Hypertension* ... When You Need to Conserve K⁺

Remember the Unique Red and White Capsule: Your Assurance of SK&F Quality

Serum K⁺ and BUN should be checked periodically (see Warnings and Precautions).



Potassium-Sparing **DYAZIDE®**

25 mg Hydrochlorothiazide/50 mg Triamterene/SKF

Over 20 Years of Confidence

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The unique
red and white
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Your assurance of
SK&F quality.





A BETTER CHANCE FOR **AN ULCER—**

Well-controlled clinical trials confirm:
**ZANTAC 150 mg h.s. significantly superior to
cimetidine 400 mg h.s. for maintenance therapy
in healed duodenal ulcers.**

FREE FUTURE

Percent of patients ulcer-free after 1 year of therapy

ZANTAC

150 mg h.s. (n = 60)

84%*

cimetidine

400 mg h.s. (n = 66)

57%

ZANTAC

150 mg h.s. (n = 243)

77%†

cimetidine

400 mg h.s. (n = 241)

63%

All patients were permitted *prn* antacids for relief of pain.
Adapted from Silvis¹ and Gough.²

These two trials^{1,2} used the currently recommended dosing regimen of cimetidine (400 mg h.s.) and ranitidine (150 mg h.s.). A comparison of other dosing regimens has not been studied.

The studied dosing regimens are not equivalent with respect to the degree and duration of acid suppression or suppression of nocturnal acid.

The superiority of ranitidine over cimetidine in these trials indicates that the dosing regimen currently recommended for cimetidine is less likely to be as successful in maintenance therapy.

Zantac 150 h.s.
ranitidine HCl/Glaxo 150 mg tablets

Glaxo 

See next page for references and Brief Summary of Product Information.

ZAN375 July 1987

References: 1. Silvis SE, Griffin J, Hardin R, et al: Final report on the United States multicenter trial comparing ranitidine to cimetidine as maintenance therapy following healing of duodenal ulcer. *J Clin Gastroenterol* 1985;7(6):482-487.
2. Gough KR, Korman MG, Bardhan KD, et al: Ranitidine and cimetidine in prevention of duodenal ulcer relapse: A double-blind, randomised, multicentre, comparative trial. *Lancet* 1984;ii:659-662.

ZANTAC® 150 Tablets
(ranitidine hydrochloride)
ZANTAC® 300 Tablets
(ranitidine hydrochloride)

**BRIEF SUMMARY OF
PRODUCT INFORMATION**

The following is a brief summary only. Before prescribing, see complete prescribing information in ZANTAC® product labeling.

INDICATIONS AND USAGE: ZANTAC® is indicated in:

1. Short-term treatment of **active duodenal ulcer**. Most patients heal within four weeks.
2. **Maintenance therapy** for duodenal ulcer patients at reduced dosage after healing of acute ulcers.
3. The treatment of **pathological hypersecretory conditions** (eg, Zollinger-Ellison syndrome and systemic mastocytosis).
4. Short-term treatment of **active, benign gastric ulcer**. Most patients heal within six weeks and the usefulness of further treatment has not been demonstrated.
5. Treatment of **gastroesophageal reflux disease (GERD)**. Symptomatic relief commonly occurs within one or two weeks after starting therapy and is maintained throughout a six-week course of therapy.

In active duodenal ulcer; active, benign gastric ulcer; hypersecretory states; and GERD, concomitant antacids should be given as needed for relief of pain.

CONTRAINDICATIONS: ZANTAC® is contraindicated for patients known to have hypersensitivity to the drug.

PRECAUTIONS: Symptomatic response to ZANTAC® therapy does not preclude the presence of gastric malignancy.

Since ZANTAC is excreted primarily by the kidney, dosage should be adjusted in patients with impaired renal function (see **DOSAGE AND ADMINISTRATION**). Caution should be observed in patients with hepatic dysfunction since ZANTAC is metabolized in the liver.

False-positive tests for urine protein with Multistix® may occur during ZANTAC therapy, and therefore testing with sulfosalicylic acid is recommended.

Although recommended doses of ZANTAC do not inhibit the action of cytochrome P-450 enzymes in the liver, there have been isolated reports of drug interactions which suggest that ZANTAC may affect the bioavailability of certain drugs by some mechanism as yet unidentified (eg, a pH-dependent effect on absorption or a change in volume of distribution).

Lack of experience to date precludes recommending ZANTAC for use in children or pregnant patients. Since ZANTAC is secreted in human milk, caution should be exercised when administered to a nursing mother.

ADVERSE REACTIONS: Headache, sometimes severe, seems to be related to ZANTAC® administration. Constipation, diarrhea, nausea/vomiting, and abdominal discomfort/pain have been reported. There have been rare reports of malaise, dizziness, somnolence, insomnia, vertigo, tachycardia, bradycardia, premature ventricular beats, and arthralgias. Rare cases of reversible mental confusion, agitation, depression, and hallucinations have been reported, predominantly in severely ill elderly patients.

In normal volunteers, SGPT values were increased to at least twice the pretreatment levels in 6 of 12 subjects receiving 100 mg qid IV for seven days, and in 4 of 24 subjects receiving 50 mg qid for five days. With oral administration there have been occasional reports of reversible hepatitis, hepatocellular or hepatocanalicular or mixed, with or without jaundice.

There have been rare reports of reversible leukopenia, granulocytopenia, thrombocytopenia, and pancytopenia.

Although controlled studies have shown no antiandrogenic activity, occasional cases of gynecastia, impotence, and loss of libido have been reported in male patients receiving ZANTAC, but the incidence did not differ from that in the general population.

Incidents of rash, including rare cases suggestive of mild erythema multiforme, and, rarely, alopecia, have been reported, as well as rare cases of hypersensitivity reactions (eg, bronchospasm, fever, rash, eosinophilia) and small increases in serum creatinine.

OVERDOSAGE: Information concerning possible overdosage and its treatment appears in the full prescribing information.

DOSAGE AND ADMINISTRATION: Active Duodenal Ulcer: The current recommended adult oral dosage is 150 mg twice daily. An alternate dosage of 300 mg once daily at bedtime can be used for patients in whom dosing convenience is important. The advantages of one treatment regimen compared to the other in a particular patient population have yet to be demonstrated.

Maintenance Therapy: The current recommended adult oral dosage is 150 mg at bedtime.

Pathological Hypersecretory Conditions (such as Zollinger-Ellison Syndrome): The current recommended adult oral dosage is 150 mg twice a day. In some patients it may be necessary to administer ZANTAC 150-mg doses more frequently. Doses should be adjusted to individual patient needs, and should continue as long as clinically indicated. Doses up to 6 g/day have been employed in patients with severe disease.

Benign Gastric Ulcer: The current recommended adult oral dosage is 150 mg twice a day.

GERD: The current recommended adult oral dosage is 150 mg twice a day.

Dosage Adjustment for Patients with Impaired Renal Function: On the basis of experience with a group of subjects with severely impaired renal function treated with ZANTAC, the recommended dosage in patients with a creatinine clearance less than 50 ml/min is 150 mg every 24 hours. Should the patient's condition require, the frequency of dosing may be increased to every 12 hours or even further with caution. Hemodialysis reduces the level of circulating ranitidine. Ideally, the dosage schedule should be adjusted so that the timing of a scheduled dose coincides with the end of hemodialysis.

HOW SUPPLIED: ZANTAC® 300 Tablets (ranitidine hydrochloride equivalent to 300 mg of ranitidine) are yellow, capsule-shaped tablets embossed with "ZANTAC 300" on one side and "Glaxo" on the other. They are available in bottles of 30 (NDC 0173-0393-40) and unit dose packs of 100 tablets (NDC 0173-0393-47).

ZANTAC® 150 Tablets (ranitidine hydrochloride equivalent to 150 mg of ranitidine) are white tablets embossed with "ZANTAC 150" on one side and "Glaxo" on the other. They are available in bottles of 60 tablets (NDC 0173-0344-42) and unit dose packs of 100 tablets (NDC 0173-0344-47).

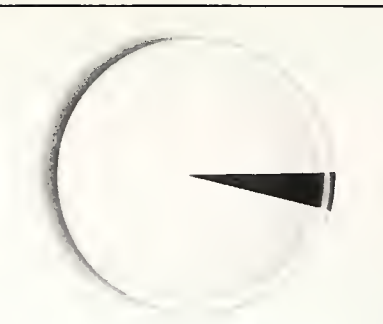
Store between 15° and 30° C (59° and 86° F) in a dry place. Protect from light. Replace cap securely after each opening.

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October 1986

Glaxo

Glaxo Inc.
Research Triangle Park, NC 27709



Give five.

What you get back
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Just five hours a week. Just 5% of your income. It's not much to give, to the causes you really care about. But that small investment could change somebody's life. And it's hard to imagine a better return than that.


INDEPENDENT
SECTOR

Roster of Members for 1987-1988 by Component Societies

NOTE: We have endeavored to secure correct information in regard to every physician whose name is listed. Anyone finding an error should report it immediately to the North Carolina Medical Society, 222 N. Person Street, P.O. Box 27167, Raleigh, North Carolina 27611.

(See Page 24 for Key to Specialties)

1. ALAMANCE-CASWELL COMPONENT SOCIETY

OFFICERS—President: Jesse N. McNeil, M.D., 1602 Memorial Dr., Burlington 27215 (919 227-1123)
Secretary: Ernest B. Eason, M.D., 327 N. Graham-Hopedale Rd., Burlington 27215 (919 226-1658)

ABERNETHY, PAUL MCBEE 1214 VAUGHN ROAD BURLINGTON 27215 BOWMAN GRAY	OPH AC 43 43 47 919 228-0254	CHEEK, GEORGE WASHINGTON, JR. 317 ENGLEMAN BURLINGTON 27215 U OF PENN	GS RT 53 62 62 919 584-6551	HANZEL, SAM PO BOX 2458 SAN RAFAEL, CA 94901 U OF ILLINOIS	NS AC 49 50 83
AMEEN, WILLIAM OTIS, JR. P. O. BOX 9925 2304 CANNONBALL ROAD GREENSBORO 27408 BOWMAN GRAY	FP/EM AC 73 73 81 919 282-1164	CHOKSI, JANAK KANTILAL 405 RUDD ST. B BURLINGTON 27215 BARODA U	ON/IM AC 72 74 85 919 226-0276	HARMAN, JOHN SIMON 1610 VAUGHN ROAD BURLINGTON 27215 MED COLL OF VA	U AC 61 68 68 919 227-2761
AU, VICTOR K. 1214 VAUGHN RD., STE. B BURLINGTON 27215 JEFFERSON	PS AC 79 80 86 919 227-5440	CRAWFORD, LARRY CLARKE 316 N. GRAHAM-HOPEDALE RD. BURLINGTON 27215 BOWMAN GRAY	GS/TS AC 71 71 77 919 227-3621	HARPER, LARRY OLEN KERNODLE CLINIC, INC. BURLINGTON 27215 WEST VA U	IM/END AC 67 67 73 919 227-3621
AYCOCK, WILLIAM GLENN 202 S. FIFTH STREET MEBANE 27302 DUKE	FP AC 54 54 56 919 563-9341	CRISSMAN, CLINTON SAMUEL 219 E. ELM STREET GRAHAM 27253 TEMPLE U	FP L 42 42 47 919 226-2448	HAWKINS, JAMES HUBERT, JR. 316 1/2 S. MAIN STREET GRAHAM 27253 U OF NC	FP AC 78 79 82 919 228-9759
BAIRD, JAMES HAMILTON 1624 MEMORIAL DRIVE BURLINGTON 27215 MED COLL OF VA	OBG AC 63 68 68 919 226-7386	CRISSMAN, MARK ANDERS 219 E. ELM ST. GRAHAM 27253 TEMPLE U	FP AC 80 81 83 919 226-2448	HAWKINS, JAMES HUBERT, SR. P. O. BOX 476 GRAHAM 27253 JEFFERSON	GP AC 46 46 49 919 227-7496
BATES, HAROLD BASCOM 1610 VAUGHN ROAD BURLINGTON 27215 BOWMAN GRAY	U AC 54 54 59 919 227-2761	CYKERT, SAMUEL 711 HERMITAGE ROAD BURLINGTON 27215 INDIANA U	IM AC 83 83 86 919 226-9317	HAYES, JAMES WILLIAM KERNODLE CLINIC BURLINGTON 27215 U OF NC	ORS AC 55 55 63 919 227-3621
BECK, J. MONTGOMERY 820 FOREST OAKS LANE MEBANE 27302 CASE WESTERN RES	FP/U L/RT 44 52 53 919 563-2450	DAVIS, JACK BEASON 1946 MARTIN STREET BURLINGTON 27215 HARVARD	P AC 48 52 77 919 228-0581	HENDERSON, RICHARD ROBERT 1522 VAUGHN ROAD BURLINGTON 27215 INDIANA U	D AC 61 61 69 919 227-0496
BHATTI, MOHAMMAD AMJAD 719 HERMITAGE RD. BURLINGTON 27215 KING EDWARD COLL	GS/TS AC 61 71 86 919 226-5191	DIMEO, MICHAEL JOSEPH 1604 MEMORIAL DR. BURLINGTON 27215 TUFTS U	PUD/IM AC 73 74 84 919 226-7300	HINES, EDWARD LLOYD 723 EDITH STREET BURLINGTON 27215 GEO WASHINGTON U	ORS/HS AC 70 72 76 919 227-4256
BLAIR, GEORGE WALKER, JR. 711 HERMITAGE ROAD BURLINGTON 27215 U OF PENN	IM AC 47 47 53 919 226-9317	DUSZLAK, EDWARD J., JR. 3029 S. FAIRWAY DR. BURLINGTON 27215 U OF MASS	DR AC 78 79 83 919 228-1371	HODGES, JAMES THOMAS GRAHAM-HOPEDALE ROAD BURLINGTON 27215 BOWMAN GRAY	ORS AC 63 63 64 919 227-3621
BLAKE, JOHN PAUL 723 EDITH STREET BURLINGTON 27215 BOWMAN GRAY	P AC 60 60 68 919 227-9818	EASON, ERNEST BERNARD 1522 VAUGHN RD. BURLINGTON 27215 U OF NC	IM AC 80 80 77 919 226-1658	JOHNSON, DAVID SANDER 530 W. WEBB AVENUE BURLINGTON 27215 U OF TENNESSEE	PD AC 77 08 81 919 228-8316
BRAXTON, DORIS BLACKWELL 711 HERMITAGE ROAD BURLINGTON 27215 U OF NC	PD/ADL AC 59 59 62 919 229-5341	ELLINGTON, AMZI JEFFERSON, JR. 291 N. GRAHAM-HOPEDALE RD. BURLINGTON 27215 TEMPLE U	GYN AC 52 53 56 919 226-2423	JOHNSON, LESLIE DONALD 733-G COLONY APARTMENTS BURLINGTON 27215 BOWMAN GRAY	DR AC 69 69 81 919 227-8111
BRENNAN, MICHAEL W. 1214 VAUGHN RD. BURLINGTON 27215 U TX-SAN ANTONIO	OPH AC 78 78 87 919 228-0254	ELLINGTON, ROBERT NORWOOD 291 N. GRAHAM-HOPEDALE ROAD BURLINGTON 27215 DUKE	OBG AC 57 57 63 919 226-2423	JOHNSTON, JAMES WILLIAM KERNODLE CLINIC BURLINGTON 27215 MED COLL OF VA	OBG AC 46 46 52 919 227-3621
BULLA, JEFFERSON DAVIS, II 780 WOODY DRIVE GRAHAM 27253 U OF NC	FP AC 60 60 64 919 228-1354	GADDY, GEORGE DOUGLAS 1608 MEMORIAL DRIVE BURLINGTON 27215 MED COLL OF GA	OPH/OTO AC 49 53 53 919 226-6321	JONES, CLARA ISELEY 815 S. FIFTH ST. MEBANE 27302 MED COLL OF VA	GP L/RT 45 55 56 919 563-1080
BULLARD, GEO. M., JR. 202 S. FIFTH ST. MEBANE 27302 EAST CAROLINA U	FP AC 83 84 86	GOLEY, ALEXANDER FAIRLEY 1509 VAUGHN ROAD BURLINGTON 27215 U OF NC	IM AC 56 56 62 919 228-6000	JONES, DAVID CRAVEN 202 S. FIFTH STREET MEBANE 27302 DUKE	FP AC 79 82 83 919 563-9341
BYRNETT, JEFFREY WILLIAM 1624 MEMORIAL DR. BURLINGTON 27215 OHIO STATE U	GS/VS AC 79 80 86 919 229-6428	GROBEN, PAMELA ANNE 327 GRAHAM-HOPEDALE RD. BURLINGTON 27215 TULANE U	PTH AC 77 78 85 919 228-1371	JUENGEL, PAUL H., III 1206 VAUGHN RD. BURLINGTON 27215 WAYNE STATE U	OTO/PSF AC 81 82 87
CARTER, ROBERT WILSON KERNODLE CLINIC BURLINGTON 27215 BOWMAN GRAY	IM/CD AC 63 63 69 919 227-3621	GWYNN, THOMAS LEA P. O. BOX 340 YANCEYVILLE 27379 BOWMAN GRAY	GP AC 51 51 55 919 694-6311	KERNODLE, CHARLES EDWARD, JR. 603 ISLEY PLACE, APT. D BURLINGTON 27215 DUKE	GS L/RT 42 44 49 919 226-4598
CHAPLIN, DON CLARENCE KERNODLE CLINIC, INC. BURLINGTON 27215 U OF NC	IM/CD AC 69 69 73 919 227-3621	HANCOCK, WILLIAM FRANKLIN, JR. 1303 W. DAVIS ST. BURLINGTON 27215 U OF NC	PTH AC 68 68 73 919 226-0196	KERNODLE, DONALD REED KERNODLE CLINIC BURLINGTON 27215 DUKE	OPH/OTO AC 53 53 59 919 227-3621

1. ALAMANCE-CASWELL COMPONENT SOCIETY (Continued)

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KERNODLE, GEORGE W., JR. 316 N. GRAHAM-HOPEDALE RD. BURLINGTON 27215 U OF NC	RHU /IM AC 81 81 79 919 227-3621	MORRISEY, LEMONT 723 EDITH STREET BURLINGTON 27215 BOWMAN GRAY	FP AC 81 82 84 919 229-4791	SCOTT, SAMUEL EDWIN ROUTE #2, BOX 159 BURLINGTON 27215 U OF NC	FP AC 63 63 67 919 421-3247
KERNODLE, GEORGE WALLACE MEDICAL CTR PHARMACY BLDG BURLINGTON 27215 DUKE	PD AC 45 45 48 919 226-7608	MUNDY, DONALD ASHFORD 212 MEADOWOOD DRIVE BURLINGTON 27215 U OF ALBERTA	AN AC 67 68 82 919 584-5352	†SMEDBERG, GEORGE ANDREW 517 CIRCLE DR. DECEASED - 4-10-87 BURLINGTON 27215 U OF LOUISVILLE	GS AC 46 49 54 919 228-7853
KERNODLE, HAROLD BARKER, JR. 316 N. GRAHAM-HOPEDALE RD. BURLINGTON 27215 DUKE	ORS AC 69 69 77 919 227-3621	NICOLA, ANDRAOS NICOLA 1946 MARTIN ST. BURLINGTON 27215 AMER.U OF BEIRUT	P AC 53 74 86 919 228-0581	SMITH, CHRISTOPHER EDMUND 723 EDITH ST. BURLINGTON 27215 DUKE	ORS AC 76 84 87 919 229-4256
KERNODLE, JOHN ROBERT 2465 EDGEWOOD AVE. BURLINGTON 27215 DUKE	GYN L/RT 41 47 49 919 584-7075	OSTROWSKI, EDWARD S. 831 WARWICK COURT BURLINGTON 27215 U OF MASS	DR AC 78 80 86 919 227-1147	SMITH, JARVIS WILTON 316 GRAHAM-HOPEDALE RD. BURLINGTON 27215 BOWMAN GRAY	GS AC 80 80 85 919 227-3621
KING, JOHN TALBERT 404 EDINBURGH DR. BURLINGTON 27215 MED COLL OF VA	PD /CD RT 45 51 52 919 226-5197	PATTERSON, JAMES BENSON 1638 MEMORIAL DR. BURLINGTON 27215 U OF NC	D AC 76 77 81 919 226-8000	STONEBURNER, RICHARD GRESHAM MEDICAL VILLAGE BURLINGTON 27215 MED COLL OF VA	GS AC 42 53 54 919 226-0400
LEE, DAE HEE 2142 N. CHURCH STREET BURLINGTON 27215 YONSEI U	FP AC 70 70 79 919 227-7456	PEACE, ROBERT JOSEPH 1447 YORK COURT BURLINGTON 27215 TULANE U	PTH AC 48 48 83 919 584-5171	STRICKLAND, JAMES DONALD 97B DENISE DRIVE BURLINGTON 27215 TULANE U	EM AC 78 78 83 919 228-0768
LINDLEY, JOSEPH J. KERNODLE CLINIC BURLINGTON 27215 MED COLL OF VA	GS AC 51 52 52 919 227-3621	PHILLIPS, CHARLES WOODROW, JR. 108 E. MINNEOLA STREET GIBSONVILLE 27249 U OF NC	FP AC 58 58 70 919 449-4132	SUTTON, EDWARD COLMERY 1616 MEMORIAL DRIVE BURLINGTON 27215 U OF PENN	GYN AC 51 51 53 919 227-7446
LITTLE, ROBERT WINFIELD 2505 S. MEBANE ST. BURLINGTON 27215 U OF NC	PD AC 72 72 86 919 227-9750	POWELL, JAMES BOBBITT 1447 YORK COURT BURLINGTON 27215 DUKE	PTH AC 64 64 74 919 584-5171	SYDNOR, CHARLES FORD 1214 VAUGHN ROAD BURLINGTON 27215 U OF VIRGINIA	OPH AC 69 69 74 919 228-0254
LONG, EUGENE MONROE, II KERNODLE CLINIC BURLINGTON 27215 DUKE	OBG /OBS AC 63 63 71 919 226-2423	POWELL, THOMAS EDWARD, III P. O. BOX 2536 BURLINGTON 27215 DUKE	PTH AC 61 61 77 919 227-1235	TATE, ALLEN DENNY, JR. 1610 VAUGHN ROAD BURLINGTON 27215 U OF MARYLAND	FP AC 48 48 50 919 226-4471
MANESS, PAUL FRANKLIN 328 W. DAVIS STREET BURLINGTON 27215 DUKE	PD L 39 46 49 919 228-8341	PRUITT, RONALD ANTHONY 316 N. GRAHAM-HOPEDALE RD. BURLINGTON 27215 MED COLL OF VA	ORS AC 59 61 64 919 227-3621	THOMAS, MATHAI SOMAN 393 PORTSMOUTH CT. BURLINGTON 27215 U OF NC	AN AC 77 77 86 919 227-6711
MANN, PHILIP ROGERS 803 HERMITAGE ROAD BURLINGTON 27215 U OF VIRGINIA	FP /IM AC 60 62 62 919 227-3643	RINKER, GEORGE ERNEST 817 COLONIAL DRIVE BURLINGTON 27215 BOWMAN GRAY	PTH /IM AC 65 65 71 919 584-5171	VAUGHT, WILLIAM WAYNE, JR 1206 VAUGHN ROAD BURLINGTON 27215 U OF ILLINOIS	OTO /HNS AC 68 69 75 919 226-0660
MASOUD, JAVED 723 EDITH STREET BURLINGTON 27215 LIAQUAT MED COLL	CD /IM AC 68 68 83 919 229-6486	RIPPY, WILLIAM DENNIS 1610 VAUGHN ROAD BURLINGTON 27215 DUKE	FP AC 50 51 52 919 226-4471	WADE, EUGENE HENRY PETER 723 EDITH STREET BURLINGTON 27215 HOWARD U	FP AC 81 82 84 919 229-4791
MATTHEWS, ROLAND D. 1610 VAUGHN ROAD BURLINGTON 27215 U OF MARYLAND	FP AC 48 48 53 919 228-8333	ROSENOW, PHILIP JOHN 1616 MEMORIAL DR. BURLINGTON 27215 EMORY U	OBG AC 70 79 86 919 226-8817	WALKER, JOHN BARRETT, JR. MEDICAL VILLAGE BURLINGTON 27215 MED COLL OF VA	GP AC 44 48 48 919 228-8333
MCCASLIN, ROBERT IAN 530 W. WEBB AVE. BURLINGTON 27215 UNIV. OF S.C.	PD AC 83 84 86 919 228-8316	ROSS, DONALD MACCONNELL 1610 VAUGHN ROAD BURLINGTON 27215 TUFTS U	GS L/RT 41 50 50 919 226-8416	WALKER, JOHN BARRETT, III MEDICAL VILLAGE, SUITE K BURLINGTON 27215 BOWMAN GRAY	IM AC 75 75 74 919 226-7384
MCNIEL, JESSE NEAL 1602 MEMORIAL DRIVE BURLINGTON 27215 U OF ARKANSAS	P AC 60 60 74 919 227-1123	RUTH, WAYNE KIMBERLY 1214 VAUGHN RD. STE. A BURLINGTON 27215 DUKE	PUD /IM AC 78 79 85 919 229-4441	WALL, JACK GARDNER ROUTE #4, BOX 682 GRAHAM 27253 U OF NC	DR AC 68 68 74 919 226-0198
MCQUEEN, ROBERT BRUCE, JR. 780 WOODY DRIVE GRAHAM 27253 MED COLL OF VA	FP AC 59 60 61 919 228-1354	RYAN, W. JAMES, II 723 EDITH STREET BURLINGTON 27215 LA STATE U	P AC 72 73 76 919 227-0126	WASHINGTON, JOHN LANGTRY 316 GRAHAM-HOPEDALE RD. BURLINGTON 27215 U OF ALABAMA	OBG /FP AC 75 75 83 704 739-7445
MEBANE, GILES YANCEY 202 S. FIFTH STREET MEBANE 27302 DUKE	FP AC 54 54 56 919 563-9341	SANKAR, SEEPLAPUTHUR G. 1610 VAUGHN RD. BURLINGTON 27215 PRINCE OF WALES	GS /COS AC 74 81 82 919 226-3417	WATSON, ROBERT ANDREW 803 HERMITAGE ROAD BURLINGTON 27215 U OF ROCHESTER	FP /GER AC 53 53 58 919 227-3643
MILLER, HOWARD EDWARD 723 EDITH STREET BURLINGTON 27215 SYRACUSE	ORS AC 74 75 84 919 227-4256	SAUNDERS, CHARLES L., JR. 523 WILDWOOD LN. BURLINGTON 27215 JEFFERSON	GYN L/RT 50 50 56 919 226-9393	WILLCOCKSON, WILLIAM S. 503 SHARON RD. CHAPEL HILL 27514 U OF TEXAS	EM AC 85 86 86 919 228-1371
MORRIS, GEORGE THOMAS ARNOLD 711 HERMITAGE ROAD BURLINGTON 27215 BOWMAN GRAY	IM AC 59 59 66 919 226-9317	SAWYER, TIMOTHY T. 1522 VAUGHN RD. BURLINGTON 27215 U OF OKLAHOMA	D AC 80 83 86 919 226-9393	WILLIAMS, PAUL FORRESTER 711 HERMITAGE ROAD BURLINGTON 27215 U OF PENN	IM AC 55 55 62 919 226-9317

2. ALEXANDER COMPONENT SOCIETY

OFFICERS—President: Russell W. Faulkenberry, M.D., 505 Third Ave., S.W., Taylorsville 28681 (704 632-9736)
Secretary: Walter N. Long, M.D., 505 Third Ave., S.W., Taylorsville 28681 (704 632-9736)

CHOONG, HAN PYO P. O. BOX 548 503 THIRD STREET, SW TAYLORSVILLE 28681 KOREA U	GS AC 61 72 78 704 632-7467	LONG, WALTER NATHANIEL, JR. 505 THIRD AVENUE, SW TAYLORSVILLE 28681 U OF NC	FP AC 58 58 63 704 632-9736	MOFFETT, ALEXANDER STUART 70 W. LUCERNE CIR., APT. 409 ORLANDO, FL 32801 VANDERBILT U	GS L/RT 32 32 43 305 841-1310
GIVENS, GEORGE HOWARD, JR. P. O. BOX 308 TAYLORSVILLE 28681 BOWMAN GRAY	FP AC 47 48 50 704 632-2270				

3. ALLEGHANY COMPONENT SOCIETY

OFFICERS—President: Jack R. Cahn, M.D., 616 Doctor St., Sparta 28675 (919 372-5606)

ASHLEY, GALE JACKSON DOCTOR'S OFFICE BUILDING SPARTA 28675 U OF NC	FP AC 56 56 58 919 372-4644	HERAVI, CYRUS 302 HOSPITAL ROAD SPARTA 28675 U OF TEHRAN	GS AC 62 62 72 919 372-4343	LYON, MARY ELIZABETH 616 DOCTOR'S STREET SPARTA 28675 BOWMAN GRAY	FP AC 77 78 81 919 372-5606
CAHN, JACK RICHARD ROUTE #1, BOX 439 SPARTA 28675 PENN STATE U	FP AC 72 75 79 919 372-5606				

4. ANSON COMPONENT SOCIETY

OFFICERS—President: F. A. Burney, M.D., 402 Morven Rd., Wadesboro 28170 (704 694-2129)
Secretary: F. W. Deen, M.D., 508 Morven Rd., Wadesboro 28170

BURNEY, FREDRIC ARLEN 402 MORVEN ROAD WADESBORO 28170 U OF NC	FP AC 62 62 64 704 694-2129	ERTUGRUL, GULTEKIN 508 MORVEN ROAD WADESBORO 28170 ISTANBUL U	GS/TS AC 54 54 72 704 694-2136	SMETHIE, WILLIAM MASSIE, SR. P. O. BOX 309 WADESBORO 28170 MED COLL OF VA	GS L/RT 39 46 46 704 694-2316
CASTELL, DONALD OVERTON 300 S. HAWTHORNE RD. WINSTON-SALEM 27103 GEO WASHINGTON U	GE AC 60 61 83 919 748-4612	HAHNER, MATTHEW 407 S. GREENE ST. WADESBORO 28170 CENTRAL DEL ESTE	GS AC 80 81 86 704 694-4193	SMITH, DAVID TILLERSON GENERAL DELIVERY PAWLEYS ISLAND, S. C. 29585	PUD L 22 31 31
DAVIS, DANIEL WHITAKER 402 MORVEN ROAD WADESBORO 28170 U OF NC	FP AC 59 59 60 704 694-2129	MCKINNON, WILLIAM JAMES 407 S. GREENE ST. PO BOX 309 WADESBORO 28170 U OF MARYLAND	GS L/RT 40 46 46 704 694-2316	WILKINS, ROBERT HENRY DUMC, DIV. OF NEUROSURGERY DURHAM 27710 U OF PITTSBURGH	NS AC 59 59 68 919 684-2549
DAVIS, ROBERT LEE 515 CAMDEN ROAD WADESBORO 28170 BOWMAN GRAY	DR/NM AC 61 61 71 704 694-3597	NAIAZI-SAI, ABDOLHAKIM 208 HALL STREET WADESBORO 28170 U OF TEHRAN	IM/HEM AC 66 74 78 704 694-5159		

5. ASHE COMPONENT SOCIETY

OFFICERS—President: John H. Chapin, M.D., Rt. 2, Box 130, Lansing 28643 (919 982-2158)

CHAPIN, JOHN HARMON ROUTE #2, BOX 130 LANSING 28643 U OF ALABAMA	FP AC 52 52 54 919 982-2158	KURTZ, ELAM STOLTZFUS P. O. BOX 227 LANSING 28643 CASE WESTERN RES	FP AC 55 56 56 919 384-3326	MILLER, EDWARD JAMES P. O. BOX 27 JEFFERSON 28640 U OF NC	GP AC 62 62 66 919 246-7433
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6. AVERY COMPONENT SOCIETY

OFFICERS—President: Neal L. Shealy, M.D., PO Box 380, Crossnore 28616 (704 733-0085)
Secretary: Daniel Vinson, M.D., PO Box 837, Banner Elk 28604 (704 898-5026)

CHAPMAN, ROBERT AMASA P. O. BOX 728 BANNER ELK 28604 OHIO STATE U	FP AC 55 65 66 704 898-4828	MORROW, RUFUS CLEGG P. O. BOX 95 BANNER ELK 28604 DUKE	OTO/A AC 38 39 79 704 898-9440	TATE, WILLIAM CUMMINGS, II P. O. BOX 68 BANNER ELK 28604 U OF NC	GS AC 72 72 77 704 898-4221
FINK, EMMA SLOOP BOX 160 CROSSNORE 28616 VANDERBILT U	FP L 36 38 38 704 733-4367	RAMBO, V. BIRCH 341 PONCE DE LEON NE ATLANTA, GA 30365 U OF PENN	GS H 52 53 58	VANCE, SHELBY WILLIAM BOX 70 PINEOLA 28662 EMORY U	GP L 33 33 47 704 733-2788
LITTLEJOHN, MARK HAYS CANNON MEMORIAL HOSPITAL BANNER ELK 28604 NORTHWESTERN U	R/NM AC 61 62 81 704 898-5823	SMITH, EUSTACE HENRY BOX 190 CROSSNORE 28616 MED COLL OF VA	FP AC 50 51 52 704 733-9297	VINSON, DANIEL CASTILE P.O. BOX 837 BANNER ELK 28604 U OF NC	FP AC 74 74 78 704 898-5026
MORROW, DOROTHY JACKSON P. O. BOX 95 BANNER ELK 28604 TUFTS U	PD/A AC 40 44 79 704 898-9440	SMITH, ROBERT CLEMENT BOX 248 BANNER ELK 28604 U OF PITTSBURGH	IM AC 53 59 59 704 898-5588		

7. BEAUFORT-HYDE-MARTIN-WASHINGTON-TYRRELL COMPONENT SOCIETY

OFFICERS—**President:** Philip S. Herbert, Jr., M.D., 1308 Highland Dr., Washington 27889 (919 946-8061)**Secretary:** Frederick D. Austin, III, M.D., 615 E. 12th St., Washington 27889 (919 946-2101)

AGEE, ROBERT NELSON 302 S. MCCASKEY RD. WILLIAMSTON 27892 OHIO STATE U	GS AC 66 66 86 919 792-1055	HINDSLEY, J. PACK, JR. 604 E. 12TH STREET WASHINGTON 27889 U OF VIRGINIA	U AC 70 70 81 919 946-0136	RHODES, JAMES SLADE, JR. 407 N. SMITHWICK ST. WILLIAMSTON 27892 MED COLL OF VA	GP L/RT 41 41 46 919 792-2036
ALLIGOOD, TOBY RAY 1110 HIGHLAND DRIVE WASHINGTON 27889 BOWMAN GRAY	D/IM AC 76 76 81 919 946-4176	JENKINS, JOSEPH MCKENDRIE 604 E. 12TH STREET WASHINGTON 27889 U OF NC	U AC 74 74 79 919 946-0136	RILEY, PATRICK MICHAEL 504 ALDERSON WASHINGTON 27889 MICHIGAN ST U	AN AC 79 81 83 919 946-5846
AUSTIN, FREDERICK DA COSTA, III 615 E. 12TH STREET WASHINGTON 27889 U OF NC	IM/ID AC 67 67 86 919 946-2101	JEON, MYUNG KIL MEDICAL ARTS CENTER PLYMOUTH 27962 SEOUL NATL U	GP AC 70 70 76 919 793-5073	ROBBINS, PHILIP SLOAN TIDELAND MENTAL HLTH CTR. WASHINGTON 27889 CORNELL U	P AC 54 55 77 919 946-8061
BALTIMORE, CHAS. LITTLEBURG, JR 211 N. MARKET STREET WASHINGTON 27889 U OF VIRGINIA	OPH AC 69 69 77 919 946-2171	JOHNSON, DONALD CARL P. O. BOX 699 WASHINGTON 27889 BOWMAN GRAY	OPH AC 58 58 64 919 946-3111	RODMAN, CLARK 615 E. 12TH STREET WASHINGTON 27889 JEFFERSON	IM L/RT 43 43 47 919 946-2101
BOYETTE, CHARLES OTIS P. O. BOX 310 BELHAVEN 27810 U OF NC	FP AC 61 61 65 919 943-2651	JONES, ALBERT MCCRAY ROUTE #5, BOX 14 WASHINGTON 27889 U OF VIRGINIA	OBG AC 51 60 61 919 946-6544	SANDY, ROBERT EUGENE 608 E. 12TH STREET WASHINGTON 27889 U OF PITTSBURGH	R AC 53 59 60 919 946-2137
BRANTLEY, JULIAN CHISOLM, III 701 SHOREWOOD DRIVE WASHINGTON 27889 U OF NC	OBG AC 75 77 79 919 946-6544	KIM, KYUNG-HWAE P. O. BOX 190 PLYMOUTH 27962 YONSEI U	OBG AC 60 60 77 919 793-1194	SHELDON, FRANK CHADWICK BEAUFORT COUNTY HOSPITAL EAST 12TH STREET WASHINGTON 27889 GEO WASHINGTON U	EM/GS AC 62 62 74 919 946-1911
CHUNG, WAN SOO 320 MCCASKEY ROAD WILLIAMSTON 27892 KOREA U	GP AC 71 76 78 919 792-1071	LARKIN, ERNEST WADDILL, JR. 211 N. MARKET STREET WASHINGTON 27889 MED COLL OF VA	OPH AC 45 45 51 919 946-2171	SILVERTHORNE, RAY GUILFORD RT. #2, BOX 35 WASHINGTON 27889 BOWMAN GRAY	OBG L/RT 51 51 55 919 946-5168
COLEMAN, JAMES BARR 604 W. MAIN STREET WASHINGTON 27889 U OF NC	GS AC 73 73 79 919 946-0181	LASSITER, TALLY EDWARD 619 E. 12TH STREET WASHINGTON 27889 HARVARD	FP AC 54 54 57 919 946-1193	SPEROS, THOMAS LEE 501 WEST 15TH STREET WASHINGTON 27889 U OF NC	FP AC 76 76 79 919 975-2667
COLEMAN, PHILIP DIVOLL 625 E. 12TH ST. WASHINGTON 27889 U OF NC	GS/TS AC 68 68 83 919 946-0181	LIVERMAN, HENRY JOSEPH P. O. BOX 218, LAZY LANE ENGELHARD 27824 U OF LOUISVILLE	FP AC 50 50 52 919 925-3271	STALLINGS, THOMAS FRANKLIN 608 E. 12TH STREET WASHINGTON 27889 HARVARD	PD AC 54 54 58 919 946-4134
CONSTIEN, DANIEL JOHN AURORA MEDICAL CENTER P. O. BOX 40 AURORA 27806 U OF MISSOURI	FP AC 81 83 84 919 322-4021	MILLER, GEORGE JOHN, JR. 1207 HIGHLAND DRIVE WASHINGTON 27889 U OF ROCHESTER	ORS AC 67 69 79 919 946-6513	STANTON, ALLIE MCLEOD DRAWER 925 PLYMOUTH 27962 U OF TENNESSEE	GS L/RT 43 51 53 919 793-4125
COOK, RUSSEL CLIFFORD 608 E. 12TH STREET WASHINGTON 27889 BOWMAN GRAY	PD AC 76 76 80 919 946-4134	MOORE, PAUL MILTON, JR. 619 E. 12TH STREET WASHINGTON 27889 U OF NC	FP AC 59 59 63 919 946-1146	STEPHENSON, HENRY LOUIS, JR. 615 E. 12TH STREET WASHINGTON 27889 U OF NC	IM/CD AC 55 55 62 919 946-2101
DESROCHERS, DAVID ALAN 608 E. 12TH STREET WASHINGTON 27889 CORNELL U	R AC 76 77 84 919 946-2137	NG, VICTOR WANG TA PO BOX 999 ROBERSONVILLE 27871 BOWMAN GRAY	FP AC 59 60 62 919 795-3018	TAYLOE, DAVID THOMAS 608 E. 12TH STREET WASHINGTON 27889 U OF PENN	PD AC 50 50 55 919 946-4134
DOVER, CARL THOMAS, JR. 307 S. MCCASKEY RD. WILLIAMSTON 27892 BOWMAN GRAY	PD AC 77 77 87 919 792-8101	NICHOLSON, JAMES EVANS, III 304 MCCASKEY ROAD WILLIAMSTON 27892 U OF NC	FP AC 78 79 84 919 792-8193	TAYLOE, JOSHUA 614 E. 12TH STREET WASHINGTON 27889 U OF NC	OBG AC 61 61 69 919 946-6544
FIELDS, THOMAS DUDLEY 604 E. 12TH ST. WASHINGTON 27889 U OF TENNESSEE	U AC 78 79 86 919 946-0136	NICHOLSON, THOMAS WESTRAY 615 E. 12TH STREET WASHINGTON 27889 U OF NC	CD/IM AC 70 70 77 919 946-2101	TAYLOR, MARSHALL CARNEY 608 E. 12TH STREET WASHINGTON 27889 U OF VIRGINIA	DR AC 70 70 79 919 946-2137
GALUSZKA, ALBIN ADOLPH 604 E. 12TH STREET WASHINGTON 27889 TUFTS U	U AC 42 42 71 919 946-0136	OAK, CHANG YOON HIGHWAY 64 EAST PO BOX 987 PLYMOUTH 27962 YONSEI U	IM AC 70 70 84 919 793-9051	UM, KI-BONG P. O. BOX 625 ROBERSONVILLE 27871 KOREA U	GP AC 71 76 83 919 795-4192
HADLEY, ROBERT PURCELL P. O. BOX 1328 WASHINGTON 27889 U OF VIRGINIA	PTH AC 61 67 68 919 946-9074	PAPINEAU, ALBAN PO BOX 686 PLYMOUTH 27962 U OF PENN	FP L 31 33 34 919 793-4155	WALLACE, KELLEY, JR. 330 N. MARKET ST. CHOCOWINITY 27817 U OF NC	PS/GS AC 63 63 74 919 946-2223
HERBERT, PHILIP SIDNEY, JR. 1308 HIGHLAND DRIVE WASHINGTON 27889 CORNELL U	P AC 51 53 77 919 946-8061	PARTRICK, CORNELIUS THEODORE 615 E. 12TH STREET WASHINGTON 27889 U OF NC	IM/CD AC 54 54 61 919 946-2101	WATERS, ZACK JAMES, JR. 604 E. 12TH STREET WASHINGTON 27889 U OF MARYLAND	GS AC 61 61 70 919 946-9004
HILL, EDWARD FELDIN 501 W. 15TH ST. WASHINGTON 27889 WASHINGTON U	FP AC 73 74 85 919 975-2667	PUGH, RAEFORD THEODORE 619 E. 12TH STREET WASHINGTON 27889 U OF NC	FP AC 57 57 61 919 946-6486	WRIGHT, JAMES THURMAN 108 FRONT STREET BELHAVEN 27810 JEFFERSON	GP L 43 43 47 919 943-2375

8. BERTIE-GATES-HERTFORD COMPONENT SOCIETY

OFFICERS—**President:** Joselito Almario, M.D., 500 N. Academy St., Ahoskie 27910 (919 332-6444)**Secretary:** Robert C. Kahn, M.D., 416 Circle Dr., Ahoskie 27910 (919 332-2244)

ALMARIO, JOSELITO	U AC	FREI, TIMOTHY EDWARD	IM AC	POMERANS, MARK	EM/FP AC
500 N. ACADEMY ST.	67 67 82	AHOSKIE MEDICAL ASSOC., INC.	79 80 83	ROANOKE-CHOWAN HOSPITAL	64 65 81
AHOSKIE 27910		PO BOX 340		AHOSKIE 27910	
U OF SANTO TOMAS	919 332-6444	AHOSKIE 27910		U OF URUGUAY	919 332-8121
ALSTON, MICHAEL CURTIS	FP AC	JEFFERSON	919 332-4155	PRINCE, JAMES WILLIAM	P AC
405 HOLLY HILL RD.	78 79 82	GELBURD, GREGORY STUART	FP AC	RT. #1, BOX 15Y	81 81 85
MURFREESBORO 27855		401 STERLING ST.	82 83 00	HARRELLSVILLE 27942	
U OF NC	919 398-5167	WINDSOR 27983		EMORY U	919 332-4137
BRADSHAW, ARTHUR BROWN	GS L	PHIL OSTEO MC	919 794-3043	QURESHI, AFTAB AHMAD	GS/OBG AC
BERTIE COUNTY MEM. HOSPITAL	41 51 51	GELLOT, RAGHUVIR BAXIRAM	OTO AC	312 S. ACADEMY STREET	62 62 81
PO BOX 158		RT. #1, BOX 6-B	67 71 78	AHOSKIE 27910	
WINDSOR 27983		AHOSKIE 27910		KING EDWARD COLL	919 332-2244
MCGILL U	919 794-4539	BARODA U	919 332-5917	QURESHI, FAIQA AFTAB	PD AC
CLAYTON, MELVIN LOUIS	IM/FP AC	JENKINS, STANLEIGH EDWARD, JR.	FP AC	421 S. PEACHTREE STREET	73 78 83
PO BOX 788	73 73 76	501 HAYES STREET	66 66 70	AHOSKIE 27910	
AHOSKIE 27910		AHOSKIE 27910		KING EDWARD COLL	919 332-3403
U OF NC	919 332-2993	U OF NC	919 357-1226	REVELLE, BONNIE CAULKINS	PD AC
JARDEN, JAMES LEE, JR.	FP AC	JONES, COLIN DOUGLAS	FP AC	421 S. PEACHTREE ST.	81 83 85
ACADEMY ST., MED. ARTS BLDG.	47 48 50	ACADEMY STREET	73 73 75	AHOSKIE 27910	
AHOSKIE 27910		AHOSKIE 27910		EAST CAROLINA U	919 332-3403
BOWMAN GRAY	919 332-3548	U OF NC	919 332-6138	SAUNDERS, JAY FRED	FP AC
LAUGHTRIDGE, TRUMAN GIFFIN	R AC	KAHN, ROBERT CHARLES	GS AC	BOX 309	54 54 64
706 WOODLAWN DRIVE	55 56 81	416 CIRCLE DRIVE	77 79 82	AULANDER 27805	
AHOSKIE 27910		AHOSKIE 27910		U OF NC	919 345-3791
TEMPLE U	919 332-8121	U OF PENN	919 332-2244	SAWYER, CHARLES JUDSON, III	FP AC
DAVIS, ROBERT ALDEN	GS AC	KING, DANA EDWIN	FP AC	MEDICAL ARTS CTR., ACADEMY ST.	63 63 67
BERTIE MEMORIAL HOSPITAL	81 86 79	PO BOX 297	81 82 84	AHOSKIE 27910	
WINDSOR 27983		GATESVILLE 27938		U OF NC	919 332-3548
BOWMAN GRAY	919 794-4865	U OF KENTUCKY	919 357-1226	TAYLOR, JULIAN RALEIGH	FP AC
EAGLES, ARCHIE YELVERTON	IM L	LANG, DELANO ROOSEVELT, JR.	FP AC	MEDICAL ARTS CENTER	69 69 74
MEDICAL ARTS CENTER	39 46 47	ROANOKE CHOWAN HOSPITAL	57 57 74	AHOSKIE 27910	
AHOSKIE 27910		AHOSKIE 27910		BOWMAN GRAY	919 332-3548
DUKE	919 332-4155	HOWARD U	919 332-3560	WADSWORTH, GEORGE HENRY	GS L/RT
FLOOD, ROY DEVONNE	FP AC	MCLEAN, AUGUSTUS ALEXANDER, JR	GP L/RT	P. O. BOX 27	36 36 48
BOX #7, SPRING BRANCH ROAD	65 66 73	P. O. BOX 98	45 45 48	AHOSKIE 27910	
MURFREESBORO 27855		MURFREESBORO 27855		U OF CINCINNATI	919 332-2215
HOWARD U	919 398-3323	MED COLL OF VA	919 398-3789	WEAVER, JOSEPH DUDLEY	FP L/RT
FRANK, JOE LEE, JR.	R AC	PIERCE, CHARLES GRAINGER	PD/PDA AC	111 N. MAPLE STREET	38 39 66
515 S. PEMBROKE AVENUE	43 55 55	201 S. COLONY AVENUE	75 77 73	AHOSKIE 27910	
AHOSKIE 27910		AHOSKIE 27910		HOWARD U	919 332-2196
COLUMBIA U	919 332-2390	U OF NC	919 332-5041		

9. BLADEN COMPONENT SOCIETY

OFFICERS—**President:** Otha A. Barnhill, M.D., Box 488, Elizabethtown 28337**Secretary:** Robert L. Summerlin, M.D., Box 10, Dublin Clinic, Dublin 28332 (919 862-3528)

JENNETT, ERNEST CLAXTON	GP L	ENOJADO, SILVERIO CASTRO, JR.	FP AC	PHILLIPS, BRUCE ALTON, JR.	IM/GE AC
P. O. BOX 667	26 26 27	P. O. BOX 308	61 61 77	P. O. BOX 86	67 67 74
ELIZABETHTOWN 28337		CLARKTON 28433		ELIZABETHTOWN 28337	
MED COLL OF VA	919 866-4319	U OF SANTO TOMAS	919 647-4311	U OF NC	919 862-3212
BRADLEY, BETTY BRUTON	FP AC	GLENN, CHANNING	GP L/RT	SHIEH, RICHARD CHEN HAI	R AC
P. O. BOX 998	79 80 85	P. O. BOX 278	33 33 39	HOSPITAL DR.	54 71 81
BLADENBORO 28320		ELIZABETHTOWN 28337		PO BOX 398	
DUKE	919 863-3138	MED COLL OF VA	919 862-3721	ELIZABETHTOWN 28337	
REED, DON WENDELL	GP AC	LOPES, CLEMENCEAU DE JESUS	GS/GP AC	NATL DEF-TAIPEI	919 862-4043
HOSPITAL DRIVE, BOX 1477	74 76 77	P. O. BOX 1358	61 61 74	SUMMERLIN, ROBERT LEE	FP AC
ELIZABETHTOWN 28337		ELIZABETHTOWN 28337		DUBLIN MEDICAL CLINIC	55 55 58
MED U OF SC	919 862-8184	U OF PARANA	919 862-3112	PO BOX 10	
				DUBLIN 28332	
				U OF NC	919 862-3528

10. BRUNSWICK COMPONENT SOCIETY

OFFICERS—**President:** Charles J. Savarese, Jr., M.D., PO Box 1948, Shallotte 28459 (919 754-8105)**Secretary:** Peter D. Almirall, M.D., 307 Yaupon Beach Dr., Southport 28461 (919 278-3316)

LMIRALL, PETER DAVID	FP/OM AC	CANDELA, STEPHEN JOSEPH	ORS AC	FORD, BLANCHARD FRED, JR.	FP L
OAK ISLAND MEDICAL CENTER	78 79 83	PO BOX 260	77 79 85	P. O. BOX 336	38 46 46
307 YAUPON DR.		SUPPLY 28462		SHALLOTTE 28459	
YAUPON BEACH 28461		AUTONOMA U	919 754-4355	MED U OF SC	919 754-6474
U OF TORONTO	919 278-3316				
ZZATO, JOHN ANTHONY	ORS AC	CORBETT, JOHN RICHARD	R AC	FORSTNER, JAMES ROBERT	FP AC
112 N. HOWE STREET	70 71 77	924 HOWE ST.	57 57 66	250 E. 11TH ST.	73 74 77
SOUTHPORT 28461		SOUTHPORT 28461		SOUTHPORT 28461	
JEFFERSON	919 457-4789	BOWMAN GRAY	919 457-5271	U OF NC	919 278-3981

10. BRUNSWICK COMPONENT SOCIETY (Continued)

GRIMMETT, MATTHEW HILL 829 SHORELINE DRIVE, WEST SUNSET BEACH 28459 DUKE	R /PD L/RT 43 49 50	KHAN, MUSHTAQ HUSSAIN ROUTE #3, BOX 23 SUPPLY 28462 KAKATIYA MED COL	GS /GP AC 67 73 78	SAVARESE, CHARLES JOSEPH, JR. FP /CD AC P. O. BOX 1948 SHALLOTTE 28459	50 51 78
HASSLER, ROBERT EMIEL DOCTORS COMPLEX, #4 SUPPLY 28462 NEW YORK MED COL	919 579-2091 OBG AC 60 61 85	LANGSTON, BERNARD LEROY, III P. O. BOX 1934 SHALLOTTE 28459 MED U OF SC	919 754-8115 GP AC 72 73 85	WALLIN, GENE AMBROSE 1004 N. HOWE ST. SOUTHPORT 28461 U OF TENNESSEE	919 754-8105 FP AC 65 65 73
HORNSTEIN, NORMAN MARK P. O. BOX 10968 SOUTHPORT 28461 LONDON U	919 754-9166 FP L 41 41 49	MULHOLLAND, JAMES VINCENT PO BOX 1208 SHALLOTTE 28459 DOWNSTATE ME CTR	919 754-8731 PD /PD AC 57 58 79	ZUKOSKI, ROBERT MICHAEL 926 HOWE STREET SOUTHPORT 28461 JEFFERSON	919 457-6214 GS /GYN AC 77 82 85
HSU, NORA HUANG ROUTE #1, BOX 8-B SUPPLY 28462 PEKING U	919 457-6744 OBG AC 52 52 77		919 754-8117		919 457-5292

11. BUNCOMBE COMPONENT SOCIETY

OFFICERS—President: Roger A. James, M.D., 946 Tunnel Rd., Asheville 28805 (704 298-7981)

Secretary: William Huffstutter, M.D., 50 Doctor's Dr., Ste. 210, Asheville 28801 (704 252-8983)

Executive Secretary: Susan Young, P.O. Box 15053, 7 Beechwood Rd., Asheville 28813 (704 252-7038)

AREDALE, STEPHEN SYDNES STE. 301, 445 BILTMORE CENTER ASHEVILLE 28801 BAYLOR	DR /NM AC 67 67 77	BILBREY, GEORGE MARVIN, JR 257 MCDOWELL STREET ASHEVILLE 28803 U OF ALABAMA	CDS /TS AC 62 62 72	BURTON, HARRY G., III 257 MCDOWELL ST. ASHEVILLE 28803 U OF LOUISVILLE	CDS /TS AC 74 71 85
ARIAL, JERRY NOLAN 390 S. FRENCH BROAD AVE. ASHEVILLE 28801 MED COLL OF GA	704 254-2371 D AC 71 72 77	BISSELL, LEWIS F. 12 ROUND OAK ROAD ASHEVILLE 28804 U OF ARKANSAS	704 258-1121 IM AC 49 49 86	BYRON, ROBERT SILL 675 BILTMORE AVENUE ASHEVILLE 28803 U OF CINCINNATI	P AC 64 64 69
ARMSTRONG, BRUCE GRIFFEY 1 DOCTOR'S PARK ASHEVILLE 28801 BOWMAN GRAY	704 252-3576 U AC 75 75 83	BITTER, KARL FFOLIOTT 1 DOCTOR'S PARK ASHEVILLE 28801 U OF NC	704 254-0663 U AC 63 63 71	CALLAHAN, RICHARD DALE 1 DOCTOR'S DR. ASHEVILLE 28801 PENN STATE U	ON /HEM AC 77 78 83
ATWATER, JOHN SPENCER, JR. 390 S. FRENCH BROAD AVE. ASHEVILLE 28801 MED COLL OF GA	A /PD AC 70 71 77	BOERNER, ROBERT MARTIN 520 BILTMORE AVENUE ASHEVILLE 28801 U OF NC	704 253-5314 ID /PUD AC 61 61 72	CALLISON, WILLIAM JOSEPH STE. 101, 445 BILTMORE CENTER ASHEVILLE 28801 VANDERBILT U	ORS AC 53 60 60
BAGLEY, CARTER SNOW 131 MCDOWELL STREET ASHEVILLE 28801 U OF VIRGINIA	OTO /HNS AC 59 59 69	BOND, THOMAS MADISON 49 MCDOWELL ST. ASHEVILLE 28801 U OF NC	704 254-5932 GE /IM AC 80 84 86	CAMBLOS, JOSHUA F. B. 17 FOREST ROAD ASHEVILLE 28803 U OF VIRGINIA	GS /GYN L/RT 43 48 49
BAILEY, JOHN BENNETT 131 MCDOWELL STREET ASHEVILLE 28801 U OF TEXAS	704 254-3517 PD AC 75 75 81	BONNER, JACK WILBUR, III BOX 1101, HIGHLAND HOSPITAL ASHEVILLE 28802 U OF TEXAS-SW	704 258-3870 P AC 65 65 71	CAMPBELL, ALLEN BARRY 93 VICTORIA ROAD ASHEVILLE 28801 COLUMBIA U	OBG AC 61 68 68
BALDWIN, MARIE PO BOX 173 DUE WEST, SC 29639 MED U OF SC	704 254-4337 P /PN L/RT 29 29 51	BOWERS, WILLIAM HAMPTON 409-E PARKWAY DR. GREENSBORO 27401 U OF NC	704 254-3201 HS /ORS AC 66 66 74	CAPPIELLO, DAVID LAWRENCE 129 MCDOWELL STREET ASHEVILLE 28801 CORNELL U	ORS AC 64 64 71
BARBER, JOHN FRANCIS 157 WINDSOR RD. ASHEVILLE 28804 U OF PENN	GYN L/RT 40 41 48	BOYD, ELLEN 131 MCDOWELL STREET ASHEVILLE 28801 MED U OF SC	919 378-0811 PD AC 75 77 79	CHAPMAN, JESSE PUGH, JR. 520 BILTMORE AVENUE ASHEVILLE 28801 U OF PENN	704 258-8800 TS /GS L/RT 43 48 53
BARNHARDT, LUTHER ERNEST, JR. 900 MEDICAL CT., STE. A 100 RANKIN DR. MARION 28752 DUKE	R /NM AC 58 58 64	BRANNAN, WILLIAM CHESTER 143 ASHELAND AVENUE ASHEVILLE 28801 LOMA LINDA U	704 254-4337 OBG AC 68 69 81	CHILDERS, TERRY CELY 131 MCDOWELL ST. ASHEVILLE 28801 U OF VIRGINIA	PD AC 80 82 85
BATE, DAVID SOULE, JR. 1812 HENDERSONVILLE RD. ASHEVILLE 28806 GEO WASHINGTON U	704 652-4630 FP AC 79 80 85	BRAZIL, WILBUR OSCAR, JR. 100 VICTORIA ROAD ASHEVILLE 28801 LA STATE U	704 258-9191 U AC 61 66 67	CHIPLEY, PATRICK LINCOLN P. O. BOX 399 ENKA 28728 BOWMAN GRAY	GP AC 56 56 58
BEARDSLEY, THOMAS LEWIS 3-C DOCTOR'S PARK ASHEVILLE 28801 DUKE	704 684-0011 OPH AC 77 80 77	BROWN, KERMIT ENGLISH 398 CHUNNS COVE ROAD ASHEVILLE 28805 JEFFERSON	704 254-8883 OBG L/RT 27 27 30	CLAPP, HUBERT LEE BOX 365 SWANNANOVA 28778 MED COLL OF GA	704 667-2531 GP L 37 38 38
BELL, CAROL ROLAND 202 DOCTOR'S BUILDING ASHEVILLE 28801 MED U OF SC	704 253-9821 AN AC 60 60 70	BRYAN, WILLIAM ALEXANDER, III ASTON PARK CENTER 53 S. FRENCH BROAD AVENUE ASHEVILLE 28801 LOMA LINDA U	704 252-5117 PD AC 68 68 75	CLARK, KENNETH JAMES, JR. 49 MCDOWELL ST. ASHEVILLE 28801 ST U OF NY-BUFF	GE /IM AC 71 72 78
BERKEY, WILLIAM SALDERUS, JR PO BOX 696 SKYLAND 28776 LOMA LINDA U	704 254-1969 FP AC 73 75 75	BURKHARDT, NATHAN LESLIE, JR. 129 MCDOWELL ST. ASHEVILLE 28801 U OF TENNESSEE	704 258-0969 ORS AC 59 66 66	CLARK, TERRENCE PETER 445 BILTMORE AVE., STE. 304 ASHEVILLE 28801 BAYLOR	CHP /P AC 73 73 75
BERNER, THOMAS 23 PARK ROAD ASHEVILLE 28803 JOHNS HOPKINS	704 684-7801 EM AC 68 68 75	BURNS, MARGARET VIRGINIA 146 VICTORIA ROAD ASHEVILLE 28801 DUKE	704 258-8800 P L 37 48 49	CLAXTON, CALVIN PORTER, JR. 257 MCDOWELL STREET ASHEVILLE 28803 U OF VIRGINIA	704 252-1421 CDS /TS AC 61 61 74
BIGGERS, DAVID CARL MEMORIAL MISSION HOSPITAL ASHEVILLE 28801 U OF NC	704 274-3592 PTH AC 58 58 78	BURT, TERRENCE WILLIAM 405 WINDSWEEP DR. #703 ASHEVILLE 28801 LA STATE U	704 254-4616 EM AC 79 80 85	†CODNER, JOHN THOMAS 119 CHURCH STREET BLACK MOUNTAIN 28711 U OF TORONTO	U L/RT 38 46 46

11. BUNCOMBE COMPONENT SOCIETY (Continued)

COLE, WARREN HENRY 8 W. KENSINGTON ROAD ASHEVILLE 28804 WASHINGTON U	GS RT 20 67 68 704 254-4475	DURHAM, CECIL TRACY, JR. 7 MCDOWELL STREET ASHEVILLE 28801 MED U OF SC	N AC 66 66 74 704 255-7776	GOLLBERG, HAROLD RONALD 445 BILTMORE CENTER, STE. 304 ASHEVILLE 28801 U OF TEXAS	P/GER AC 66 66 72 704 252-1421
COOK, JAMES HOSMER 281 MCDOWELL STREET ASHEVILLE 28803 U OF IOWA	D AC 63 64 73 704 252-5679	EGLENTON, DANIEL THOMAS 53 S. FRENCH BROAD ASHEVILLE 28801 U OF NEW MEXICO	ORS AC 78 82 84 704 274-2236	GOUGH, WILLIAM, III 445 BILTMORE CENTER, STE. 306 ASHEVILLE 28801 U OF ROCHESTER	RHU /IM AC 76 77 83 704 258-9533
CORCORAN, EDWIN EMMONS 69 MCDOWELL STREET ASHEVILLE 28801 MED U OF SC	IM/GE L/RT 37 37 48 704 258-3870	ELLISTON, E. BRUCE 206 ASHELAND AVE. ASHEVILLE 28801 LOMA LINDA U	FP AC 72 72 74 704 258-8681	GRAINGER, WADE KENTON PO BOX 696 SKYLAND 28776 LOMA LINDA U	FP AC 83 84 86 704 684-7801
COSTENBADER, WM. B., JR. 131 MCDOWELL STREET ASHEVILLE 28801 U OF VIRGINIA	OTO/HNS AC 64 64 71 704 254-3517	ELLISTON, WINSTON LEON 210 ASHELAND AVE. ASHEVILLE 28801 LOMA LINDA U	AI/PD AC 73 73 79 704 253-3382	GRAVATT, BENJAMIN THOMAS 202 DOCTOR'S BUILDING ASHEVILLE 28801 U OF PITTSBURGH	AN AC 79 80 83 704 254-1969
CRAIG, ROBERT LAWRENCE 16 COLONIAL PLACE ASHEVILLE 28804 JOHNS HOPKINS	P L/RT 35 35 39	ELMORE, MILES 10 MCDOWELL STREET ASHEVILLE 28801 MED U OF SC	IM/NEP AC 71 75 76 704 258-8545	GRAY, CRAIGAN LUTHER 143 ASHELAND AVENUE ASHEVILLE 28801 LOMA LINDA U	OBG AC 68 68 78 704 258-9191
CREWS, HARRY DENNISTON 10 MCDOWELL STREET ASHEVILLE 28801 JOHNS HOPKINS	NEP /IM AC 64 64 72 704 258-8545	FARMER, WOODARD EASON 27 PARK RD. ASHEVILLE 28813 TULANE U	IM L 39 47 47 704 274-0718	GRIER, MICHAEL WILLIAM 30 CHOCTAW STREET ASHEVILLE 28801 U OF SOU CALIF	GE /IM AC 69 69 77 704 254-0881
CRIGLER, NORRIS WOLF, JR. P. O. BOX 2959 ASHEVILLE 28801 DUKE	R AC 76 76 81 704 254-4617	FELIX, RICHARD REID A-305 DOCTOR'S BUILDING ASHEVILLE 28801 OHIO STATE U	P /PYM AC 72 72 79 704 258-3880	GRIFFIN, ROBERT ASHLEY APPALACHIAN HALL, BOX 5534 ASHEVILLE 28813 TEMPLE U	P/N AC 51 52 56 704 253-3681
CROSBY, EDWARD BROWN PO BOX 1980 ASHEVILLE 28802 U OF ALABAMA	ORS /HS AC 68 69 75 704 258-0847	FISCHER, MARTIN JOSEPH 520 BILTMORE AVENUE ASHEVILLE 28801 WASHINGTON U	TS/GS AC 61 62 80 704 252-7357	GRIFFIN, WILLIAM RAY, JR. 30 HILLTOP ROAD ASHEVILLE 28803 JEFFERSON	P/N AC 44 45 48 704 253-3681
CROW, SAMUEL LESLIE 418 DOCTOR'S BLDG. ASHEVILLE 28801 EMORY U	IM /CD L/RT 25 26 27 704 252-5633	FOWLER, WILLIAM BRIGHT 675 BILTMORE AVENUE ASHEVILLE 28803 BOWMAN GRAY	IM AC 56 56 63 704 252-1830	GUNTHER, ROBERT CLARENCE 25 LAWRENCE PLACE ASHEVILLE 28801 NEW YORK U	AN AC 64 64 73 704 252-1016
CUMMINGS, CHARLES EMMETT 281 MCDOWELL STREET ASHEVILLE 28803 LA STATE U	D AC 58 62 63 704 252-5676	FOY, DAVID MARK STE. 5-F, DOCTOR'S PARK ASHEVILLE 28801 CASE WESTERN RES	FP AC 78 78 79 704 252-8885	HAMIL, SHARON SWEDE OLD U. S. HIGHWAY 70 BLACK MOUNTAIN 28711 EMORY U	FP AC 79 80 81 704 669-5478
CUNNINGHAM, MARK ALAN 202 DOCTOR'S BLDG. ASHEVILLE 28801 VANDERBILT U	AN AC 70 72 78 704 254-1969	FRAZIER, CLAUDE ALBEE DOCTOR'S PARK ASHEVILLE 28801 MED COLL OF VA	A AC 44 50 50 704 254-1650	HANSCOM, ALFRED CARLETON BURGE MOUNTAIN RD. RT. #5, BOX 89-B HENDERSONVILLE 28739 LOMA LINDA U	IM /FP AC 53 54 81 704 693-7623
DAVIS, PHILIP COLEMAN 93 VICTORIA ROAD ASHEVILLE 28801 MED COLL OF VA	OBG AC 64 64 72 704 253-4821	FRIEDMAN, ALAN DAVID 100 VICTORIA ROAD ASHEVILLE 28801 U OF ALABAMA	U AC 68 69 80 704 254-8883	HAPKE, EDITH JOSEPHINE 70 WOODFIN PL., STE. 304 ASHEVILLE 28801 FREIEN U	PUD /IM AC 56 62 73 704 254-8878
DEALY, DARILYN HEDDEN 445 BILTMORE CTR., STE. 404 ASHEVILLE 28801 DUKE	ID AC 79 79 85 704 258-9635	FRY, JOHN RUDOLPH 20/20 PLAZA 90 ASHELAND AVENUE ASHEVILLE 28801 U OF WISCONSIN	OPH AC 59 65 66 704 253-5656	HARDY, WINFIELD P. O. BOX 696 SKYLAND 28776 LOMA LINDA U	FP AC 60 61 61 704 684-7801
DEAN, JOHN NEWELL 147 ASHLAND AVENUE ASHEVILLE 28801 EMORY U	IM AC 74 75 79 704 258-1188	GALLAGHER, TIMOTHY JOSEPH P. O. BOX 2959 103 DOCTOR'S BUILDING ASHEVILLE 28802 LA STATE U	DR AC 69 69 77 704 255-4167	HARTMANN, THOMAS MICHAEL 180 PATTON MOUNTAIN RD. ASHEVILLE 28804 EMORY U	DR AC 80 81 85 704 254-4617
DEERING, TIMOTHY BRADFORD 30 CHOCTAW STREET ASHEVILLE 28801 NEW YORK MED COL	GE /IM AC 72 74 78 704 254-0881	GALLOWAY, JAMES BRUCE GALLOWAY DR. ASHEVILLE 28803 QUEENS U	ORS L/RT 44 49 50 704 274-2236	HASLAM, JOHN BATTLE 200 DOCTOR'S BLDG. ASHEVILLE 28801 DUKE	AC 65 65 71 704 255-4100
DODD, PATRICIA 325 VANDERBILT RD. ASHEVILLE 28803 U OF MARYLAND	GS /GYN L/RT 44 54 55 704 254-3587	GAWOROWSKI, JOANNA MARIA P. HIGHLAND HOSPITAL P. O. BOX 1101 AKADEMIA U	P AC 67 69 76 704 254-3201	HAZEHURST, JOHN LIVINGSTON 16 MCDOWELL STREET ASHEVILLE 28801 U OF NC	GS AC 56 56 66 704 252-3366
DOLAN, DANIEL LYNN 9 BAIRD MOUNTAIN ROAD WEST ASHEVILLE 28804 VANDERBILT U	IM /CD AC 55 55 78 704 658-2677	GENTLING, PETER ALLEN 5-D DOCTOR'S PARK ASHEVILLE 28801 NORTHWESTERN U	GS AC 64 64 72 704 252-2457	HENDERSON-SMATHERS, IRMA C. 1295 MERRIMON AVENUE ASHEVILLE 28804 TULANE U	PH L/RT 33 33 35 704 252-0216
DOMBY, WILLIAM ROGER 30 CHOCTAW STREET ASHEVILLE 28801 MED COLL OF VA	PUD /IM AC 72 73 80 704 255-7733	GETTINGER, GLEN SCOTT 211 RIVA RIDGE DR. FAIRVIEW 28730 EMORY U	AN /IM AC 81 83 86 704 254-1969	HENDERSON, JOHN ARTHUR 117 RATHFARNHAM CIRCLE ASHEVILLE 28803 U OF ILLINOIS	GS AC 45 45 72 704 254-2341
DONAHUE, DONALD C. STE. 103, THE DOCTORS BLDG. ASHEVILLE 28801 INDIANA U	R AC 81 81 87 704 255-4131	GILBERT, GEORGE GAYLORD 6 CRANBOURN CT. GREENSBORO 27405 JOHNS HOPKINS	U L/RT 38 47 47 919 282-0168	HENDERSON, REX ARTHUR 36 WEMBLEY ROAD ASHEVILLE 28804 U OF MIAMI	EM AC 78 79 85 704 255-3786
DOSS, GEORGE WESTON HIGHLAND HOSPITAL P. O. BOX 1101 ASHEVILLE 28802 U OF TEXAS-SW	P AC 53 53 77 704 254-3201	GODBOLD, RONALD LEE 281 MCDOWELL STREET ASHEVILLE 28803 U OF ALABAMA	D AC 69 69 74 704 252-5679	HENRY, OZMER LUCAS, JR. T B CONTROL UNIT DIVISION OF HEALTH SERVICES BLACK MOUNTAIN 28711 BOWMAN GRAY	IM AC 48 49 56 704 669-3117
DRAV, GREGORY JOSEPH 111 VICTORIA AT OAKLAND RD. ASHEVILLE 28801 OHIO STATE U	HS /ORS AC 73 73 80 704 252-7331				

11. BUNCOMBE COMPONENT SOCIETY (Continued)

HERTENSTEIN, JAMES C. 131 MCDOWELL ST. ASHEVILLE 28801 U OF ILLINOIS	OTO /HNS AC 81 86 87 704 254-3517	JOHNSON, RANDALL DIVAN 16 MCDOWELL STREET ASHEVILLE 28801 U OF MICHIGAN	GS /CDS AC 75 77 83 704 252-3366	LEDBETTER, JOHN WINSLOW 7 MCDOWELL STREET ASHEVILLE 28801 BOWMAN GRAY	N AC 53 53 59 704 255-7776
HESTER, DAVID ALAN 445 BILTMORE CENTER, STE. 302 ASHEVILLE 28801 U OF OKLAHOMA	END /IM AC 73 78 81 704 253-6812	JOHNSON, RONALD W. 172 ASHELAND AVE. ASHEVILLE 28801 MED U OF SC	FP AC 81 82 87 704 252-1131	LEE, IL SUNG P. O. BOX 370 ENKA 28728 CATHOLIC U	IM AC 66 75 78 704 667-5298
HILL, ARTHUR THEODORE, JR. 147 ASHLAND AVENUE ASHEVILLE 28801 BOWMAN GRAY	IM AC 56 56 62 704 258-1188	JONAS, JAROSLAV GEORGE 20 BEAVERBROOK ROAD ASHEVILLE 28804 U OF ZURICH	ORS AC 54 54 82 704 255-0510	LEE, TERRENCE JOHN 445 BILTMORE CENTER, STE. 404 ASHEVILLE 28801 GEORGETOWN U	ID /IM AC 72 74 79 704 258-9635
HILL, HAYWOOD NORTHROP, JR. 445-BILTMORE CTR., STE. 407 ASHEVILLE 28801 BOWMAN GRAY	IM AC 70 70 77 704 258-0397	KELEHER, MICHAEL FRANCIS 18 MAYWOOD ROAD ASHEVILLE 28804 U OF COLORADO	GS L/RT 40 49 49 704 254-1835	LERNER, PAUL 1 DOCTOR'S PARK ASHEVILLE 28801 BOSTON U	U AC 54 61 61 704 253-5314
HINMAN, HAVILAH EDWARD 7 RATHFARNUM RD. ASHEVILLE 28803 U OF VERMONT	OBG L/RT 36 36 49 704 684-6243	KELLER, CHARLES AUGUSTUS, JR. 257 MCDOWELL STREET ASHEVILLE 28803 LA STATE U	CDS AC 59 67 67 704 258-1121	LIGON, HAROLD BELTON MEDICAL CENTER BUILDING 86 VICTORIA ROAD ASHEVILLE 28801 MED U OF SC	FP AC 55 56 56 704 252-1585
HOELSCHER, KENNETH KING PO BOX 15025 ASHEVILLE 28813 M C OF WISCONSIN	PM AC 61 62 85 704 274-2400	KELLY, RICHARD BRUCE 5-7 DOCTOR'S PARK ASHEVILLE 28801 MED COLL OF OHIO	FP AC 80 80 85 704 258-0670	LINCOLN, DAVID OGDEN 69 MCDOWELL ST. ASHEVILLE 28801 ST U OF NY-BUFF	ORS AC 65 67 73 704 255-7526
HOLT, JOHN PLUMMER 86 VICTORIA ROAD ASHEVILLE 28801 MEHARRY MED COLL	FP AC 56 58 61 704 255-8494	KENNEDY, THOMAS FRANCIS P. O. BOX 2959 ASHEVILLE 28802 U OF MICHIGAN	R AC 68 69 74 704 254-4617	LITTLEJOHN, JAMES TALMADGE 416 DOCTOR'S BUILDING ASHEVILLE 28801 U OF PENN	IM /CD AC 45 51 52 704 253-0443
HOOKER, MICHAEL PHILLIP RT. #5, BOX 771 ASHEVILLE 28803 U OF OREGON	AN AC 80 80 85 704 254-1969	KHATRI, DAVE 549 MERRIMON AVENUE ASHEVILLE 28801 KASTURBA U	IM /GER AC 64 79 80 704 253-5685	LITZENBERGER, W. A. DREW 304-M DOCTOR'S BLDG. ASHEVILLE 28801 U OF KENTUCKY	NPM /PD AC 78 82 83 704 253-1998
HOSKINS, JOHN ROBINSON, III 7 AMHERST RD. ASHEVILLE 28803 JEFFERSON	AN L/RT 44 50 50 704 274-5049	KILLIAN, JOHN HUME 276 E. CHESTNUT STREET ASHEVILLE 28801 BOWMAN GRAY	OPH AC 67 67 75 704 255-8978	LOOMIS, RALPH CHARLES 7 MCDOWELL STREET ASHEVILLE 28801 INDIANA U	NS AC 76 77 83 704 255-7776
HUBBARD, ROBERT THOMAS 126 LAKE SHORE DRIVE ASHEVILLE 28804 TEMPLE U	FP RT 43 43 47 704 252-5103	KITTNER, PHILIP JOEL 80 VICTORIA ROAD ASHEVILLE 28801 NEW YORK MED COL	OBG AC 64 64 71 704 255-8900	LYLES, EVELYN MCMASTER 93 VICTORIA ROAD ASHEVILLE 28801 MED U OF SC	OBG AC 81 82 87 704 253-4821
HUFF, OLSON 5 FREDERICK STREET ASHEVILLE 28801 U OF LOUISVILLE	PD AC 62 66 70 704 258-6091	KNOEFEL, ARTHUR EUGENE, JR. 114 MONTREAT RD. PO BOX 875 BLACK MOUNTAIN 28711 LA STATE U	FP L/RT 35 35 38 704 669-8121	LYSKO, JANE E. ST. JOSEPH'S HOSPITAL DEPT. OF PATHOLOGY ASHEVILLE 28801 U OF NC	PTH AC 81 82 87 704 255-3949
HUFFMAN, ROBERT EDWARD 146 VICTORIA ROAD ASHEVILLE 28801 U OF TENNESSEE	P AC 63 63 71 704 253-3695	KODACK, ALBERT 34 SUNSET SUMMIT ASHEVILLE 28804 U OF TORONTO	FP /GYN L 40 43 46 704 252-1131	MACALPINE, ORVILLE DUNCAN 98 HOLLY HILL DR. CANDLER 28715 LOMA LINDA U	PD L/RT 40 49 49 704 667-5553
HUFFSTUTTER, WILLIAM MAURICE 50 DOCTOR'S DR. STE. 210 ASHEVILLE 28801 U OF TENNESSEE	CHN /N AC 77 78 84 704 252-8983	KROLL, LARRY LEROY 53 S. FRENCH BROAD ST. ASHEVILLE 28801 LOMA LINDA U	ORS AC 65 66 75 704 252-7180	MACATEE, GEORGE, JR. 20 SUNSET SUMMIT ASHEVILLE 28804 GEO WASHINGTON U	PH /OBG L/RT 39 47 47 704 252-4905
HUMPHREYS, DAVID HARDING 5 LIVINGSTON AT VICTORIA PLASTIC SURGERY CTR. ASHEVILLE 28801 U OF CINCINNATI	PS AC 79 80 86 704 253-3866	KRUEGER, ALAN LEE CALEDONIA ROAD P. O. BOX 5534 ASHEVILLE 28813 U OF KANSAS	P AC 67 68 79 704 253-3681	MADDOX, CHARLES DEATON 4-B DOCTOR'S PARK ASHEVILLE 28801 MED COLL OF GA	IM AC 66 66 78 704 253-2865
HUTTO, EDITH E-11 WOODFIELD ASHEVILLE 28803 MED U OF SC	D RT 58 59 63 704 298-2954	KUBITSCHECK, KENNETH R. 445 BILTMORE CTR., STE. 407 ASHEVILLE 28801 BAYLOR	IM AC 78 78 86 704 258-0397	MAITLAND, ALEXANDER, III 1 DOCTOR'S PARK ASHEVILLE 28801 YALE	U AC 55 61 62 704 253-5314
HYDE, SAMUEL ELISHA III P. O. BOX 9796 ASHEVILLE 28815 EMORY U	IM AC 64 64 85 704 298-7911	LACY, GEORGE RUFUS, JR. 14 FOREST ROAD ASHEVILLE 28803 U OF PITTSBURGH	PTH /CLP L/RT 43 53 53	MALONEY, SEAN ROBERT 50 DOCTORS DR. STE. W-20 ASHEVILLE 28801 EMORY U	PM AC 80 81 84 704 254-9796
ISBEY, EDWARD KENNETH, JR. 495 BILTMORE AVENUE ASHEVILLE 28801 WAYNE STATE U	OPH AC 55 61 61 704 258-1586	LAURENS, JOHN 445 BILTMORE CENTER, STE. 303 ASHEVILLE 28801 TULANE U	CRS AC 44 44 75 704 258-8181	MARTIN, DENNIS LEE 7 MCDOWELL ST. ASHEVILLE 28801 U OF VIRGINIA	N AC 65 65 74 704 255-7776
ISRAEL, JOHN ROBERT 5 LIVINGSTON STREET ASHEVILLE 28801 U OF PITTSBURGH	PS AC 62 62 75 704 253-7000	LAWRENCE, HAL CLIFFORD, III 93 VICTORIA ROAD ASHEVILLE 28801 INDIANA U	OBG AC 75 75 79 704 253-4821	MARTIN, J. PAUL 491 BILTMORE AVE. ASHEVILLE 28801 U. OF ARIZONA	FP AC 76 77 85 704 258-0670
JAMES, ROGER ALLEN 946 TUNNEL ROAD ASHEVILLE 28805 BAYLOR	FP AC 59 66 67 704 298-7981	LAWRENCE, JOHN ELMORE, JR. 554 CHUNNS COVE ROAD ASHEVILLE 28805 DUKE	CD /IM AC 72 74 82 704 254-8054	MASTERS, KIM JAMES APPALACHIAN HALL PO BOX 5534 ASHEVILLE 28813 HARVARD	P /CHP AC 72 74 85 704 253-3681
JARRETT, DAVID LINCOLN 53 S. FRENCH BROAD ST. ASHEVILLE 28801 LOMA LINDA U	ORS AC 63 63 74 704 252-7180	LEAKE, ARTHUR ELDRIDGE, JR. 54 WESTALL AVENUE ASHEVILLE 28804 U OF NC	AN AC 66 66 72 704 255-3743	MAUNEY, FRANK MAXTON, JR. 257 MCDOWELL STREET ASHEVILLE 28803 DUKE	CDS /TS AC 59 59 68 704 258-1121
JENSEN, ROGER D. 491 BILTMORE AVE. ASHEVILLE 28801 U OF NEBRASKA	FP AC 75 76 87 704 258-0670				

11. BUNCOMBE COMPONENT SOCIETY (Continued)

MCCALL, WILLIAM HERBERT 601 CITY BUILDING ASHEVILLE 28801 MED COLL OF VA	OPH L 38 41 41 704 253-0421	MOSER, ARTUS MONROE, JR. 10 MCDOWELL STREET ASHEVILLE 28801 U OF NC	NEP /IM AC 64 64 70 704 258-8545	POTTS, LEO JOSEPH P. O. BOX 1101 HIGHLAND HOSPITAL ASHEVILLE 28802 U OF ADELAIDE	P AC 55 54 82 704 254-3201
MCCALLUM, REX MONROE 445 BILTMORE AVE. STE. 306 ASHEVILLE 28801 VANDERBILT U	RHU AC 80 83 86 704 258-9533	MULLIS, DONALD LEE 111 VICTORIA ROAD ASHEVILLE 28801 U OF MIAMI	ORS AC 72 73 80 704 252-7331	POWELL, BENJAMIN PHILIP 421 VANDERBILT ROAD ASHEVILLE 28803 U OF ALABAMA	AN AC 71 72 79 704 252-1016
MCCONNELL, MARY HELEN 675 BILTMORE AVENUE ASHEVILLE 28803 GEO WASHINGTON U	PD AC 50 55 55 704 253-1641	NAGEL, DONALD CHARLES ALCOHOL REHAB. CTR. P.O. BOX 1441 BLACK MOUNTAIN 28711 U OF NC	PYM /FP AC 72 72 76 704 253-6364	POWELL, JACK 190 W. DOCTOR'S BUILDING ASHEVILLE 28801 LOMA LINDA U	GS AC 47 50 54 704 253-1529
MCCULLOUGH, CHARLES T., JR. 129 MCDOWELL ST. ASHEVILLE 28801 VANDERBILT U	ORS AC 61 61 71 704 258-8800	NAILLING, RICHARD CABOT 5 DOCTOR'S PARK ASHEVILLE 28801 VANDERBILT U	GS /GYN L 40 43 44 704 254-6381	POWELL, JAMES BLACKMON, II 131 MCDOWELL STREET ASHEVILLE 28801 U OF ALABAMA	HNS /PSF AC 65 65 74 704 254-3517
MCDUFFIE, ROBERT STANLEY 325 VANDERBILT RD. ASHEVILLE 28803 EMORY U	OBG L/RT 44 44 54 704 254-8166	NEBLETT, DONALD THOMAS 16 ALL SOULS CRESCENT ASHEVILLE 28803 U OF TENNESSEE	P /PD AC 58 59 78 704 274-1415	POWELL, WILLIAM FLYNN 62 GERTRUDE PLACE ASHEVILLE 28801 DUKE	OPH /OTO L/RT 37 38 46 704 252-8931
MC GHEE, TERENCE BARCLAY 7 MCDOWELL STREET ASHEVILLE 28801 MED COLL OF GA	N /IM AC 76 77 81 704 255-7776	NOELL, JOHN STANFORD OLD HIGHWAY 70 P. O. BOX 1441 BLACK MOUNTAIN 28711 U OF NC	FP AC 56 56 83 704 669-3425	PRATHER, FONZO GOFF 5 FAIRWAY DRIVE ASHEVILLE 28805 U OF MARYLAND	GP L/RT 23 23 47 704 298-4071
MC GUIRE, JOHN O'BRIEN 16 MCDOWELL STREET ASHEVILLE 28801 DUKE	GS /CDS AC 71 72 79 704 252-3366	NORBURN, CHARLES S. P. O. BOX 5216 BILTMORE 28803 U OF VIRGINIA	GS L 17 24 24 704 272-6204	PRINTZ, DON RALPH 10 DEERFIELD ROAD ASHEVILLE 28803 OHIO STATE U	D L/RT 32 32 47 704 274-1234
MCKEEL, MILLARD FILMORE 445 BILTMORE AVE. ASHEVILLE 28801 U OF ILLINOIS	NS AC 49 49 56 704 258-8500	NORBURN, RUSSELL LEE 1617 HENDERSONVILLE RD. ASHEVILLE 28803 VANDERBILT U	EM L 25 25 27 704 274-3557	PYERITZ, ERIC ALLEN 501 BILTMORE AVE. ASHEVILLE 28801 U OF PITTSBURGH	FP AC 78 80 87 704 258-0670
MCLEAN, WALTER COPLEY, JR. 276 E. CHESTNUT ST. ASHEVILLE 28801 U OF VIRGINIA	OPH AC 75 76 82 704 255-8978	NOTO, JOSEPH ANTHONY 520 BILTMORE AVENUE ASHEVILLE 28801 U OF PENN	TS /GS AC 61 61 71 704 252-7357	RANKIN, CHARLES ALBERT, JR. 80 VICTORIA ROAD ASHEVILLE 28801 JEFFERSON	OBG AC 54 67 68 704 255-8900
MCMILLAN, JAMES H. 206 ASHELAND AVE. ASHEVILLE 28801 MED COLL OF GA	FP AC 77 78 84 704 258-8681	O'CAIN, CHARLES FRANK 30 CHOCTAW STREET ASHEVILLE 28801 EMORY U	PUD /IM AC 73 74 81 704 255-7733	RAPER, JAMES SIDNEY 29 MARTINDALE ROAD ASHEVILLE 28804 DUKE	R L/RT 38 46 10 704 253-0027
MENDELSON, STEVEN LOUIS 445 BILTMORE CTR., STE. 306 ASHEVILLE 28801 U OF ROCHESTER	RHU /IM AC 78 79 84 704 258-9533	OLINGER, BENJAMIN RAY 131 MCDOWELL STREET ASHEVILLE 28801 U OF VIRGINIA	OTO AC 60 67 67 704 254-3517	RARDIN, THOMAS EDWIN 43 OAKLAND ROAD ASHEVILLE 28801 CASE WESTERN RES	RHU AC 62 68 72 704 253-2824
MICHAEL, OTIS BENTLEY DOCTOR'S BLDG, SUITE 301 ASHEVILLE 28801 MEHARRY MED COLL	IM /CD AC 61 63 68 704 255-8947	OLSON, PAUL RICHARD ROUTE #3, BOX 112 LEICESTER 28748 U OF VERMONT	FP AC 68 77 78 704 258-0635	RATHBUN, LEWIS STANDISH 76 FOREST RD. ASHEVILLE 28803 HARVARD	GYN L/RT 39 47 48 704 274-0748
MILTON, DAVID THOMAS 445 BILTMORE, STE. 301 ASHEVILLE 28801 U OF TENNESSEE	DR AC 81 81 86 704 255-3562	OXNER, CLAUDIA GERTRUDE DOCTOR'S BLDG., RM. #202 ASHEVILLE 28801 MED U OF SC	AN AC 56 60 60 704 254-1960	REYNOLDS, ROBERT JACK 445 BILTMORE AVE. STE. 407 ASHEVILLE 28801 U OF TENNESSEE	IM AC 80 81 86 704 258-0397
MOFFATT, ROBERT CARR 30 VICTORIA ROAD ASHEVILLE 28801 U OF TENNESSEE	ON /GS AC 57 65 66 704 258-2464	PASCHAL, BARTON RILEY ONE DOCTORS DR. ASHEVILLE 28801 EMORY U	ON /HEM AC 76 76 81 704 254-8232	RIBNER, BRUCE STEVEN VA MEDICAL CENTER ASHEVILLE 28805 HARVARD	ID AC 70 71 87 704 298-7911
MONTGOMERY, JAMES HUGH 445 BILTMORE CTR., STE. 301 ASHEVILLE 28801 U OF TENNESSEE	R /IM AC 78 78 85 704 255-3565	PATE, BARRY REEVES 285 MCDOWELL STREET ASHEVILLE 28803 U OF NC	OTO /HNS AC 58 59 62 704 252-1853	RICE, LUCIAN CANDLER, JR. 147 ASHELAND AVENUE ASHEVILLE 28801 EMORY U	IM AC 70 71 73 704 258-1188
MONTGOMERY, WAYNE SWOPE 129 MCDOWELL ST. ASHEVILLE 28801 WAYNE STATE U	ORS AC 48 55 55 704 258-8800	PAYNE, WINSTON CHARLES 20/20 PLAZA, 90 ASHLAND AVE. ASHEVILLE 28801 U OF MICHIGAN	OPH AC 67 68 74 704 253-4735	ROBERTS, ROY FOSTER P. O. BOX 8127 ASHEVILLE 28814 TULANE U	IM /CD L 33 33 35 704 253-6549
MOORE, EDWARD EUGENE 3 DOCTOR'S PARK ASHEVILLE 28801 HARVARD	OPH AC 42 47 48 704 252-6741	PETERSON, ERIC WEBSTER 5 CROWNINGWAY DR. ASHEVILLE 28804 DUKE	P AC 71 71 82 704 254-3201	ROBERTSON, BRISON OAKLEY, III 5-F DOCTOR'S PARK ASHEVILLE 28801 U OF SOU ALA	FP AC 80 81 84 704 252-8885
MORETZ, FRANK HANNON 202 DOCTOR'S BUILDING ASHEVILLE 28801 U OF NC	AN AC 74 76 81 704 254-1969	PETERSON, NEIL PAUL P. O. BOX 2959 ASHEVILLE 28802 NORTHWESTERN U	R /NM AC 78 78 84 704 254-4617	ROGERS, DAVID YORK 115 1/2 MT. CARMETL RD. ASHEVILLE 28806 HAHNEMANN	FP /EM AC 77 80 84 704 253-3717
MORGAN, WILLIAM WATSON, JR. P. O. BOX 15083 ASHEVILLE N C 28813 U OF NC	PDS /GS AC 61 61 73 704 274-4105	PIKE, ISADORE MURRAY 80 VICTORIA ROAD ASHEVILLE 28801 EMORY U	ON /HEM AC 67 68 75 704 258-0994	ROSENBERG, JOEL BENJAMIN 445 BILTMORE CENTER, STE. 305 ASHEVILLE 28801 U OF CONNECTICUT	IM AC 77 77 81 704 253-1482
MORRIS, ARTHUR SHERMAN, JR. 80 VICTORIA ROAD ASHEVILLE 28801 U OF NC	OBG AC 59 59 69 704 255-8900	PORTER, CEDRIC WARREN, JR. 93 VICTORIA ROAD ASHEVILLE 28801 COLUMBIA U	OBG /GPM AC 64 65 73 704 253-4821	ROWE, CHARLES THOMAS DOCTOR'S BLDG. STE. 103 PO BOX 2959 ASHEVILLE 28802 U OF VIRGINIA	DR AC 68 68 79 704 254-4617
MORRISON, ROGER WILLIAM 4 LUCKY LANE ASHEVILLE 28804 HARVARD	PTH /CLP L/RT 43 51 52 704 252-4868				

11. BUNCOMBE COMPONENT SOCIETY (Continued)

RUSSELL, JEFFREY KENT 445 BILTMORE CENTER, STE. 302 ASHEVILLE 28801 U OF VIRGINIA	DIA /END AC 72 72 77 704 253-6812	SHUFORD, FULLER ADAMS 49 MCDOWELL ST. ASHEVILLE 28801 U OF NC	GE /IM AC 62 62 66 704 258-3870	THRASH, WILLIAM VIRGIL 147 ASHELAND AVENUE ASHEVILLE 28801 MED COLL OF GA	IM AC 70 71 76 704 258-1188
RUSSELL, JOHN HUNTER 14 MCDOWELL ST. ASHEVILLE 28801 U OF VIRGINIA	CD AC 63 63 71 704 254-8054	SLOAN, JAMES MARSHALL, III 942 TUNNEL ROAD ASHEVILLE 28805 DUKE	FP AC 56 56 62 704 298-7972	TRAMM, JEANNE NORGAARD ST. JOSEPH'S HOSPITAL ASHEVILLE 28801 NORTHWESTERN U	AN AC 81 82 85 704 252-1016
RUSSELL, PHILIP EVERITT 204 DOCTOR'S BUILDING ASHEVILLE 28801 DUKE	IM /PUD AC 50 54 54 704 253-9371	SLUDER, FLETCHER SUMPTER 472 CHUNN'S COVE ROAD ASHEVILLE 28805 RUSH MED COLL	OBG L/RT 38 38 46 704 252-7374	TROXLER, DAVID HAYS 30 CHOCTAW ST. ASHEVILLE 28801 DUKE	PUD AC 74 75 85 704 255-7733
SAENGER, PAUL JAY 129 MCDOWELL ST. ASHEVILLE 28801 U OF NC	ORS AC 76 76 85 704 258-8800	SMITH, EVERETT DUANE BOX 1030 CANDLER 28715 LOMA LINDA U	GP AC 53 54 54 704 667-2526	TURK, ROBERT SPENCER 3-D DOCTORS PARK ASHEVILLE 28801 EMORY U	GS AC 56 56 64 704 258-8206
SAGBERG, ANNE ELISABETH 343 BARNARD AVENUE ASHEVILLE 28804 U OF OSLO	P AC 47 58 59 704 254-3201	SMITH, RICHARD LLOYD 30 CHOCTAW STREET ASHEVILLE 28801 TULANE U	GE AC 72 72 79 704 254-0881	VALENCIA, RODOLFO CIRINEO 425-B U. S. HIGHWAY 70 SWANNANOVA 28778 U OF SANTO TOMAS	IM AC 64 64 73 704 686-3881
SALISBURY, KENT WILLIAM 14 MCDOWELL STREET ASHEVILLE 28801 HARVARD	CD /IM AC 68 68 77 704 254-8054	SNODDY, WILLIAM RAY 5-F DOCTOR' PARK ASHEVILLE 28801 U OF ALABAMA	FP AC 75 77 78 704 252-8885	VAN-BLARICOM, LAWRENCE S. 445 BILTMORE AVE. ASHEVILLE 28801 DALHOUSIE U	NS AC 49 58 58 704 258-8500
SANDRIDGE, DAVID ALLEN 50 DOCTORS DR. #120 W.ANNEX ASHEVILLE 28801 MED COLL OF VA	OBG AC 65 65 74 704 255-8900	SOMMERVILLE, LEWIS CASS 1425 PATTON AVENUE ASHEVILLE 28806 LOMA LINDA U	FP AC 54 55 55 704 254-5385	VANDERBEEK, RANDALL B. 100 VICTORIA RD. ASHEVILLE 28801 DUKE	U AC 63 63 72 704 254-8883
SAUNDERS, WADE HAMPTON, III 14 MCDOWELL STREET ASHEVILLE 28801 DUKE	CD AC 67 68 73 704 254-8054	SPENCER, JOHN PAUL 111 VICTORIA AT OAKLAND ASHEVILLE 28801 U OF CA-DAVIS	ORS AC 72 76 79 704 252-7331	VOLLMER, DONALD HENRY RT. #1, CROSS CREEK COVES ANDREWS 28901 LOMA LINDA U	IM L/RT 40 49 49 704 321-5615
SAVORY, PAUL BORRODAILE 78 FOREST RD. ASHEVILLE 28803 MCGILL U	R AC 47 47 70 704 274-3628	SPRINKLE, LAWRENCE TILSON BOX 218, 104 N. MAIN ST. WEAVERVILLE 28787 JEFFERSON	GP AC 45 45 48 704 645-3031	WALLENBORN, PETER AMBROSE, III 4 LYNNWOOD ROAD ASHEVILLE 28804 U OF VIRGINIA	OTO AC 79 84 85 704 252-1853
SCHULHOF, LARY ALAN 7 MCDOWELL STREET ASHEVILLE 28801 INDIANA U	NS AC 69 69 75 704 255-7776	SQUIRES, RAYMOND JAY 49 FOREST ROAD ASHEVILLE 28803 EMORY U	PTH AC 69 72 78 704 274-4664	WALLER, LOUIS CLINTON 1425 PATTON AVENUE ASHEVILLE 28806 LOMA LINDA U	FP L/RT 44 46 47 704 252-8341
SCHUTTE, HAROLD DELANO 53 S. FRENCH BROAD AVE. ASHEVILLE 28801 LOMA LINDA U	PD AC 62 63 63 704 258-0969	STANLEY, SHERBURN MOORE ROUTE #1, BOX 5 TODD 28684 MCGILL U	OM L/RT 40 48 50 704 264-4274	WALLER, ROBERT JOSEPH 200 DOCTOR'S BUILDING ASHEVILLE 28801 GEORGETOWN U	TR AC 73 74 78 704 255-4100
SEALS, DANIEL HILTON 9 BOTANY VIEW COURT ASHEVILLE 28805 TEMPLE U	IM AC 53 56 57 704 298-3907	STEELE, RICHARD AUSTIN 445 BILTMORE AVE. STE. 408 ASHEVILLE 28801 DUKE	IM /CD AC 56 56 86 704 258-9083	WALTON, RICHARD FRANK 491 BILTMORE AVE. ASHEVILLE 28801 QUEENS U	FP AC 61 63 77 704 258-0635
SELMAN, RICHARD DAVID HIGHLAND HOSPITAL P. O. BOX 1101 ASHEVILLE 28802 EMORY U	P AC 72 72 73 704 254-3201	STEINFELD, JOHN ROBERT P. O. BOX 2959 ASHEVILLE 28802 U OF VIRGINIA	DR AC 68 68 75 704 254-4617	WEAST, ROBERT RANDOLPH STE. 301, 445 BILTMORE CENTER ASHEVILLE 28801 U OF PENN	DR AC 70 72 77 704 254-2371
SERFAS, DAVID HILL 14 MCDOWELL ST. ASHEVILLE 28801 CORNELL U	CD AC 77 77 86 704 254-8054	STEPHENS, FREEMAN IRBY 54 SUNSET PARKWAY ASHEVILLE 28801 COLUMBIA U	IM L/RT 40 48 48 704 253-8178	WEAVER, ZEBULON, III 80 VICTORIA ROAD ASHEVILLE 28801 U OF NC	HEM /ON AC 61 61 65 704 258-0994
SEVERN, HENRY DOELLER 4 PINE TREE RD. ASHEVILLE 28804 JOHNS HOPKINS	ORS L/RT 40 46 47 704 252-9948	STEVENS, JAMES CONRAD 445 BILTMORE AVE., STE. 403 ASHEVILLE 28801 U OF ALABAMA	GS AC 73 73 87 704 253-4143	WEILBAECHER, JAMES EDWARD, JR. 129 MCDOWELL STREET ASHEVILLE 28801 LA STATE U	ORS AC 58 65 75 704 258-8800
SHAMBLIN, WILLIAM JOSEPH, JR HIGHLAND HOSPITAL P. O. BOX 1101 ASHEVILLE 28802 U OF ALABAMA	CHP /P AC 71 75 76 704 254-3201	SUMMERLIN, HARRY HOLLER, JR. 944 TUNNEL ROAD ASHEVILLE 28805 DUKE	FP AC 61 61 66 704 298-3090	WEISENBERGER, ANTHONY JOSEPH APPALACHIAN HALL P. O. BOX 5534 ASHEVILLE 28813 WASHINGTON U	P AC 71 72 82 704 253-3681
SHIELDS, CHARLES ROBERT PO BOX 15025 ASHEVILLE 28813 U OF OKLAHOMA	PM AC 80 81 84 704 274-2400	TAUBER, STUART DAVIS 29 RAVENSCROFT DRIVE ASHEVILLE 28801 U OF PITTSBURGH	END AC 60 60 73 704 258-2404	WEISS, RICHARD ELLIOTT 7 MCDOWELL STREET ASHEVILLE 28801 STANFORD U	NS AC 64 64 73 704 255-7776
SHIREY, JOHN LUTHER NEW LEICESTER HIGHWAY RT. #4, BOX 1525 ASHEVILLE 28806 JEFFERSON	A L/RT 39 49 50 704 683-2360	TEAFORD, MICHAEL JACOB ST. JOSEPH'S HOSPITAL ASHEVILLE 28801 MED COLL OF GA	PTH AC 76 78 83 704 255-3943	WEIZENBLATT, SPRINZA C/O TRUST DEPARTMENT DECEASED - 4-5-87 ASHEVILLE 28802 U OF WIEN	OPH L 22 29 31
SHIVERS, JAMES ALLISON STE. 301, 445 BILTMORE CENTER ASHEVILLE 28801 U OF NC	DR /NM AC 71 71 77 704 254-2371	TENNEY, JAMES BERNARD 32 HOYT ROAD ARDEN 28704 HAHNEMANN	GPM /PH AC 60 65 77 704 255-5671	WELLS, ROBERT STANLEY 445 BILTMORE CTR., STE. 407 ASHEVILLE 28801 U OF OKLAHOMA	IM AC 80 83 85 704 258-0397
SHOOK, EARL LESTER, JR. 100 VICTORIA ROAD ASHEVILLE 28801 NEW YORK MED COL	U AC 52 58 58 704 254-8883	THOMPSON, FRANK ALAN W-18 DOCTORS BLDG. ASHEVILLE 28801 U OF NC	GE /IM AC 75 76 81 704 252-2904	WHITE, TERRY EDWARD PO BOX 15025 ASHEVILLE 28813 U OF MISSOURI	R /NM AC 58 58 64 704 274-2400

11. BUNCOMBE COMPONENT SOCIETY (Continued)

WILLETT, EUGENE STANLEY 111 VICTORIA AT OAKLAND ROAD ASHEVILLE 28801 MED COLL OF VA	ORS AC 69 70 77 704 252-7331	WITTEN, ERNEST ROBERT SIDNEY 80 WEMBLEY RD. ASHEVILLE 28804 GEORGETOWN U	IM AC 44 44 50 704 253-5707	YODER, CHARLES DEWAYNE 50 DOCTOR'S DR., STE. 304M ASHEVILLE 28801 U OF NC	PD /NPM AC 74 74 78 704 253-1998
WILLIAMS, CHARLES EMERY 285 MCDOWELL STREET ASHEVILLE 28803 LA STATE U	OTO /HNS AC 63 63 75 704 252-1853	WOODARD, MARSHALL WAYNE 607 FLATIRON BUILDING ASHEVILLE 28801 DUKE	OPH AC 43 54 55 704 252-5668	YOUNG, JOHN CLINGMAN 271 FAIRWAY DRIVE ASHEVILLE 28805 U OF TENNESSEE	GP L/RT 26 26 29 704 298-8362
WILSON, CATHERINE MARIE 143 ASHELAND AVENUE ASHEVILLE 28801 LOMA LINDA U	OBG AC 63 68 70 704 258-9191	WORLEY, JAMES HARR 675 BILTMORE AVENUE ASHEVILLE 28803 U OF TENNESSEE	GS L 32 32 35 704 254-2361	YOUNG, MICHAEL HARRILL 50 DOCTOR'S DR., STE. 215 ASHEVILLE 28801 U OF NC	N /IM AC 75 78 82 704 252-6066
WILSON, ROEBY BRYANT 1330 W. SECOND AVENUE GASTONIA 28052 U OF LOUISVILLE	GP L/RT 31 31 33 704 865-3940				

12. BURKE COMPONENT SOCIETY

OFFICERS—**President:** Robert C. Owens, M.D., 341 E. Parker Rd., Morganton 28655 (704 433-0225)**Secretary:** Edward T. Plyler, M.D., 2203 S. Sterling St., Morganton 28655 (704 437-4211)

ABERNATHY, DAVID SMITH 341 E. PARKER ROAD MORGANTON 28655 DUKE	/IM AC 80 81 84 704 433-0225	DEATON, PLEASANT PAUL PO BOX 700 VALDESE 28690 MED COLL OF VA	GS AC 53 60 60 704 874-0555	JARRAH, AZMI SHAFIQ 100 MEDICAL HTS. MORGANTON 28655 AMER.U OF BEIRUT	PD /PNP AC 61 61 74 704 433-9630
ANDERSON, LARRY GLENN 2203 STERLING ST. MORGANTON 28655 U OF ILLINOIS	ORS AC 67 71 76 704 437-6500	DEEKENS, STEWART ANDREWS, JR. 350 E. PARKER ROAD MORGANTON 28655 MED COLL OF VA	FP AC 78 81 84 704 437-9401	JOHNSON, JAMES CLARE 101 WILDWOOD DR. MORGANTON 28655 VANDERBILT U	P AC 44 44 79 704 433-2564
ANTLEY, RAY M., SR. 2201 S. STERLING ST. MORGANTON 28655 EMORY U	R AC 62 62 86	DELLINGER, CLYDE JAMES P. O. BOX 8 DREXEL 28619 DUKE	FP AC 61 63 64 704 437-3634	KATH, PHILIP DOUGLAS 335 E. PARKER ROAD MORGANTON 28655 MAYO MED SCHOOL	OPH AC 76 77 81 704 433-6220
ARNEY, WILLIAM CHARLES 214 WEST PARK DR. MORGANTON 28655 U OF MARYLAND	FP L/RT 40 40 42 704 437-2972	ELLISON, CARROL WENDELL 500 E. PARKER ROAD MORGANTON 28655 MED COLL OF GA	OBG AC 68 69 76 704 433-5700	KILBRIDE, KEVIN ANTHONY BOX 114, BROUGHTON HOSPITAL MORGANTON 28655 NAT U OF IRELAND	P /GP AC 61 62 82 704 433-2476
BARRON, JOHN ISAAC P. O. BOX 489 MORGANTON 28655 U OF TENNESSEE	FP L 50 51 52 704 437-5641	FORGY, BYRON KEITH 341 E. PARKER ROAD MORGANTON 28655 U OF MIAMI	GS AC 72 74 81 704 433-6390	KIRKSEY, WILLIAM ALBERT 302 S. KING STREET MORGANTON 28655 WASHINGTON U	GP L/RT 44 47 47 704 437-1850
BOWEN, J. HARTLEY, III 208 CAMELOT DRIVE MORGANTON 28655 JEFFERSON	PTH AC 77 79 83 704 438-2254	FREEMAN, WILLIAM TOWNSEND P. O. BOX 2245 MORGANTON 28655 MED U OF SC	AN AC 53 53 85 704 438-2168	LAFFERTY, JOHN MORRISON PO BOX 597 RUTHERFORD COLLEGE 28671 U OF NC	OBG AC 79 80 76 704 874-2251
BREZICKI, PAUL ALEXANDER PO BOX 599 RUTHERFORD COLLEGE 28671 U OF TORONTO	FP AC 79 80 86 704 874-2811	GARROU, BENJAMIN WESLEY, SR. 560 MALCOLM BLVD. RUTHERFORD COLLEGE 28671 U OF NC	IM /ON AC 61 61 67 704 874-0522	LANG, ANDREW MARTIN 2203 S. STERLING STREET MORGANTON 28655 MED COLL OF VA	FP L/RT 43 47 47 704 437-4211
BUJARD, ROBERT S., JR. 331 NORTH FIRST STREET ALBEMARLE 28001 BAYLOR	P AC 58 58 86 704 433-2058	GILES, JOHN HENRY 350 E. PARKER ROAD MORGANTON 28655 BOWMAN GRAY	GS AC 59 59 72 704 437-7388	LEE, CHOO HYUNG BROUGHTON HOSPITAL MORGANTON 28655 YONSEI U	IM /HEM AC 48 48 73 704 433-2501
BUJOLD, EDWARD JAMES 12 DUDLEY AVE. GRANITE FALLS 28630 WAYNE STATE U	FP AC 77 84 86 704 396-3168	GLUGOVER, DONALD BENJAMIN 76 MONTANYA VIEW VALDESE 28690 CHICAGO MED SCH	ORS AC 62 62 85 704 874-3379	LEE, KYUNG KUN P. O. BOX 2203 MORGANTON 28655 YONSEI U	GS AC 57 57 82 704 433-2463
BUKHARI, MUSHTAQ AHMAD DOCTOR'S CLINIC RUTHERFORD COLLEGE VALDESE 28690 SRINAGAR MED SCH	GE /IM AC 68 75 81 704 437-8314	HAMER, ALFRED WILSON, JR. 2203 S. STERLING ST., STE. 132 MORGANTON 28655 U OF NC	OBG AC 58 58 65 704 437-6122	LEE, SAE SOON 350 E. PARKER RD. PO BOX 1054 MORGANTON 28655 YONSEI U	GS /PDS AC 48 48 70 704 437-7395
CHURCH, JACK LEE BOX 104, BROUGHTON HOSP. MORGANTON 28655 U OF TENNESSEE	R /IM AC 63 64 71 704 433-2256	HART, ELZIE FRANKLIN, JR. 350 E. PARKER ROAD MORGANTON 28655 U OF NC	OTO /PS AC 67 67 74 704 433-6410	LINDQUIST, RICHARD KURT 2203 S. STERLING ST., STE. 132 MORGANTON 28655 DUKE	OBG AC 59 59 64 704 437-6122
COLLETT, JAMES ROUNTREE 2203 S. STERLING ST., STE. 231 MORGANTON 28655 HARVARD	IM /CD L/RT 44 44 47 704 437-0121	HERINGTON, DAVID S. 2203 S. STERLING ST. MORGANTON 28655 U OF MARYLAND	FP AC 83 85 87 704 437-4241	MCGIMSEY, JAMES FRANKS, JR. WESTERN CAROLINA CENTER ENOLA ROAD MORGANTON 28655 HARVARD	IM /P AC 43 46 84 704 433-2744
CROFT, JAMES MORRIS P. O. DRAWER 849 MORGANTON 28655 MED COLL OF GA	FP AC 64 65 65 704 437-9401	HOGSHEAD, RALPH, JR. P. O. DRAWER 690 MORGANTON 28655 TEMPLE U	FP AC 43 48 48 704 437-8121	MELTON, JAMES DURANT ROUTE #3, BOX 50 MORGANTON 28655 U OF NC	FP AC 70 70 86 704 437-9401
CROOM, DORWYN WAYNE, II 311 S. SHORE DR. NEBO 28761 WASHINGTON U	PTH AC 76 79 81	HOWERTON, PHILIP THOMAS 2203 S. STERLING ST., STE. 176 MORGANTON 28655 DUKE	R AC 58 58 66 704 438-2250	MOORE, WILLIAM MORGAN, III 403 S. KING STREET MORGANTON 28655 MED COLL OF GA	OBG AC 71 72 78 704 433-4661
DAVIS, ANDREW CALVIN 335 E. PARKER RD. MORGANTON 28655 MED U OF SC	OPH AC 79 79 83 704 433-6220	JACUMIN, WALTER JOE P. O. BOX 700 VALDESE 28690 MED COLL OF VA	R /NM AC 66 66 72 704 879-9541	NEALE, RICHARD CARROLL, JR. P. O. BOX 249 RUTHERFORD COLLEGE 28671 MED COLL OF VA	PTH /CLP AC 59 65 66 704 879-8767

12. BURKE COMPONENT SOCIETY (Continued)

OMER, SYED	N/IM AC	REDDY, SREENIVAS MADDURI	IM/ON AC	VERNON, JAMES TAYLOR	P AC
BROUGHTON HOSPITAL	51 52 74	PO BOX 726	75 75 85	P. O. BOX 1139	45 45 46
MORGANTON 28655		VALDESE 28690		MORGANTON 28655	
OSMANIA MED COLL	704 433-2284	OSMANIA MED COLL	704 874-2921	WASHINGTON U	704 437-4642
ORRISON, WILLIAM GRESHAM	OPH AC	RIGGS, MILLARD MCADOO	FP L/RT	WELLBORN, WILLIAM REVERE, JR.	OBG L/RT
335 E. PARKER ROAD	69 69 78	105 WOODSWAY LANE	43 47 47	300 AVERY AVENUE	42 46 56
MORGANTON 28655		MORGANTON 28655		MORGANTON 28655	
U OF TEXAS	704 433-6220	DUKE	704 433-1585	TULANE U	704 437-1924
OWENS, ROBERT CARL	IM AC	SHAH-KHAN, SARDAR MAHMOOD	IM/CD AC	WHITE, EMMETT ROYCE	TR/R AC
341 E. PARKER ROAD	79 79 83	303 COLLEGE STREET	61 70 71	BOX 10	54 54 61
MORGANTON 28655		MORGANTON 28655		RUTHERFORD COLLEGE 28671	
U OF TEXAS	704 433-0225	OSMANIA MED COLL	704 437-4261	BOWMAN GRAY	704 879-9541
PETERS, PETER DEMJANTSCHUK	GP/EM AC	SIMMONS, CHARLES NUMA	R AC	WILLIS, LARRY FRANKLIN	OPH AC
1115 KATHERINE ST.	40 74 78	P. O. BOX 271	55 55 79	335 E. PARKER ROAD	68 69 77
VALDESE 28690		RUTHERFORD COLLEGE 28671		MORGANTON 28655	
U OF LATIVA	704 874-0519	MED U OF SC	704 879-9541	MED COLL OF GA	704 433-6220
PLYLER, EDWARD THURMAN	FP AC	SPIGGLE, JOHN ALEXANDER	U AC	WILSON, LAWRENCE STEVEN	U AC
2203 S. STERLING ST.	81 82 85	500 E. PARKER ROAD	69 69 77	VALDESE DOCTORS' CLINIC	77 78 84
MORGANTON 28655		MORGANTON 28655		P. O. BOX 700	
U OF NC	704 437-4211	U OF TENNESSEE	704 433-5141	VALDESE 28690	
POPE, THOMAS DAVID	OBG AC	STEELE, WALTER FRANKLIN	GS/TS AC	SYRACUSE	704 874-4890
403 S. KING STREET	72 72 80	VALDESE GENERAL HOSPITAL	66 66 74	WITHERS, ABNER CARR	FP AC
MORGANTON 28655		VALDESE 28690		BOX 38	62 62 65
BAYLOR	704 433-4661	U OF NC	704 874-3160	DREXEL 28619	
POWELL, KENNETH ALTON	FP AC	SUH, SANG HYON	GS AC	U OF NC	704 437-3694
P. O. BOX 330	60 60 63	P. O. BOX 266	56 56 75		
RUTHERFORD COLLEGE 28671		MORGANTON 28655			
BOWMAN GRAY	704 874-2107	YONSEI U	704 433-2235		
RAYNOR, LEIGHTON ALVIN	OPH AC	THOMAS, JAMES JOSEPH	PD AC		
335 E. PARKER RD.	77 79 83	100 MEDICAL HEIGHTS DR.	56 63 65		
MORGANTON 28655		MORGANTON 28655			
U OF NC	704 433-6220	U OF ILLINOIS	704 433-4484		

13. CABARRUS COMPONENT SOCIETY

OFFICERS—President: Vincent L. Keipper, M.D., 56 Ardsley Ave., Concord 28025 (704 782-1101)

Secretary: L. Allan Dobson, M.D., PO Box 1058, Mt. Pleasant 28125 (704 436-6521)

AREY, JOHN VINCENT	GYN AC	BURKE, DAVID JOSEPH	ORS AC	DOBSON, LOLO ALLEN, JR.	FP AC
1054 BURRAGE ROAD, N. E.	46 46 51	528 LAKE CONCORD ROAD, N. E.	67 68 75	115 COOK ST.	80 81 82
CONCORD 28025		PO BOX 1606		PO BOX 1058	
HARVARD	704 788-4151	CONCORD 28025		MT. PLEASANT 28124	
BAKER, LINNY MARSHALL	PD/A AC	U OF IOWA	704 788-3155	BOWMAN GRAY	704 436-6521
40 ARDSLEY AVENUE, N.E.	60 60 64	CARROLL, CHARLES FISHER, JR.	PTH AC	ENGSTROM, GEORGE ALFRED	PD AC
CONCORD 28025		CABARRUS MEMORIAL HOSPITAL	53 56 59	40 ARDSLEY AVENUE, N.E.	59 59 66
DUKE	704 782-1918	CONCORD 28025		CONCORD 28025	
BARNHARDT, ALBERT EARL	GP L/RT	U OF MARYLAND	704 788-5987	DUKE	704 786-1145
2100 S. MAIN ST., #57	33 36 41	CHALFANT, WILLIAM PAXSON	GS/CDS AC	ERNST, HENRY EDWIN	IM L/RT
KANNAPOLIS 28081		56 LAKE CONCORD ROAD, N.E.	66 66 73	167 INGLESIDE DRIVE, S.E.	43 47 48
U OF MARYLAND	704 938-4388	CONCORD 28025		CONCORD 28025	
BARRINGER, ARCHIBALD LIPE	FP L/RT	GEO WASHINGTON U	704 786-1104	MED COLL OF VA	704 782-0960
BOX 278	36 37 44	CHIKES, PETER GEORGE	OTO AC	FLOWE, BENJAMIN HUGH	GS/TS AC
MOUNT PLEASANT 28124		34 ARDSLEY AVE., NE	72 72 74	56 LAKE CONCORD ROAD, N.E.	49 50 58
TEMPLE U	704 436-9929	CONCORD 28025		CONCORD 28025	
BEAVER, ROBERT HOWELL	ORS AC	U OF NC	704 782-2166	DUKE	704 786-1105
109 COUNTRY CLUB DR.	73 73 83	COLLINS, DAVID LEONARD	GS AC	FLOYD, WILLIAM RUSSEL	GS L
CONCORD 28025		48 ARDSLEY AVE. NE	54 54 62	P. O. BOX 5347	29 38 38
U OF TENNESSEE	704 786-5122	CONCORD 28025		DECEASED-12-15-86	
BENBOW, JOHN MILLER	PD AC	HARVARD	704 786-1108	SPARTANBURG, SC 29304	
40 ARDSLEY AVENUE, N.E.	73 75 76	COOKE, JAMES HARBIN, JR.	IM AC	JEFFERSON	803 583-4732
CONCORD 28025		130 LAKE CONCORD RD.	76 79 81	FORTNEY, SIDNEY RAY	IM/END AC
DUKE	704 786-1144	CONCORD 28025		68 LAKE CONCORD ROAD, N.E.	63 63 70
BLUM, JEFFREY CLARK	DR/IM AC	DUKE	704 782-3114	CONCORD 28025	
130 LAKE CONCORD ROAD, NE	73 77 80	CORRELL, EARL EUGENE	GP AC	DUKE	704 782-3135
P. O. BOX 3345		KANNAPOLIS MEDICAL CLINIC	46 47 51	FURR, CARL AUGUSTUS, JR.	OBG AC
CONCORD 28025		KANNAPOLIS 28081		1054 BURRAGE ROAD, N. E.	58 58 66
U OF MARYLAND	704 788-4130	U OF TENNESSEE	704 933-2101	CONCORD 28025	
BOBBITT, JAMES DANIEL	OPH AC	COTTRELL, WILLIAM MILNES	AN AC	U OF NC	704 788-4151
33 LAKE CONCORD ROAD, N.E.	69 74 77	758 WILLIAMSBURG DR.	75 78 79	GABLE, RONALD SELMAN	OPH AC
CONCORD 28025		CONCORD 28025		33 LAKE CONCORD ROAD, N.E.	65 65 80
WEST VA U	704 786-2015	EMORY U	704 786-2111	CONCORD 28025	
BROWN, JAMES WALTER, JR.	OTO/HNS L/RT	CRAVEN, FREDERICK THORNS	GP L/RT	MED COLL OF GA	704 786-2015
633 GRANDVIEW DR., NE	41 49 52	P. O. BOX 185	38 38 40	GALLAGHER, KATHLEEN A.	DR AC
CONCORD 28025		CONCORD 28025		130 LAKE CONCORD RD.	76 76 84
DUKE	704 786-3174	NEW YORK U	704 782-2710	P. O. BOX 3345	
BURCHFIELD, WILLIAM JOHN	OPH AC	CROOK, JOHN NEWMAN	GS/CDS AC	CONCORD 28025	
500 LAKE CONCORD RD., NE	67 67 73	56 LAKE CONCORD ROAD	66 66 74	U OF NC	704 786-0214
CONCORD 28025		CONCORD 28025		GERDES, JOSEPH JOHN	DR AC
U OF MICHIGAN	704 782-1127	DUKE	704 786-1104	1648 PROVIDENCE RD.	70 71 76
		CROSLAND, DAVID BAILEY	OBG AC	CHARLOTTE 28207	
		1054 BURRAGE ROAD, N. E.	58 58 64	GEORGETOWN U	704 786-0214
		CONCORD 28025			
		U OF NC	704 788-4151		

13. CABARRUS COMPONENT SOCIETY (Continued)

HAMMONDS, ROBERT EUGENE 113 COUNTRY CLUB DR. CONCORD 28025 MED COLL OF GA	OTO /PS AC 58 61 66 704 788-2154	LONG, FRANK EDWARD 1054 BURRAGE ROAD, N. E. CONCORD 28025 U OF MARYLAND	OBG AC 75 75 79 704 788-4151	REEVES, WILLIAM JOHN CABARRUS MEM. HOSP. CONCORD 28025 BOWMAN GRAY	PTH AC 58 58 65 704 786-2111
HAMRICK, LADD WATTS, JR. 68 LAKE CONCORD ROAD, N.E. CONCORD 28025 BOWMAN GRAY	IM /NM AC 46 46 46 704 782-3135	LONG, THOMAS THERON, III 920 N. CHURCH STREET CONCORD 28025 BOWMAN GRAY	GE /IM AC 66 66 75 704 788-4186	RILEY, DAVID LINDLEY PO BOX 2870 P. O. BOX 3345 CONCORD 28025 MED COLL OF VA	DR AC 73 74 80 704 786-0214
HARPER, DAVID KEITH 500 LAKE CONCORD RD., NE CONCORD 28025 U OF NC	OPH AC 81 81 85 704 782-1127	MALONE, JOHN HUGH, JR. 56 ARDSLEY AVENUE, N.E. CONCORD 28025 DUKE	IM AC 60 60 67 704 782-1101	RITCHIE, HENRY JACKSON 865 CHURCH STREET, NORTH CONCORD 28025 U OF NC	GP AC 57 57 65 704 786-3181
HAWKINS, BARRY FUGH PO BOX 2958 CONCORD 28025 U OF VIRGINIA	IM L/RT 44 51 52 704 782-1101	MCMURRY, DAVID WILLIS 130 LAKE CONCORD ROAD CONCORD 28025 U OF NC	IM AC 82 83 80 704 782-3114	ROSSER, GEORGE THOMAS 1925 TRILLIUM LANE CHARLOTTE 28211 U OF TENNESSEE	R AC 62 66 67 704 786-0214
HENRY, HECTOR HIMEL, II 102 LAKE CONCORD ROAD, N.E. CONCORD 28025 TULANE U	U /PD AC 65 65 70 704 786-5133	MCWHORTER, ROBERT LIGON 68 LAKE CONCORD ROAD, N.E. CONCORD 28025 DUKE	IM AC 47 47 54 704 782-3135	SELLERS, FRANK BARKLEY PO BOX 1606 CONCORD 27026 BOWMAN GRAY	ORS AC 59 59 66 704 788-3155
HUGHES, LYNN ALLEN 11 ARDSLEY AVENUE, N. E. CONCORD 28025 U OF OKLAHOMA	OTO AC 68 71 73 704 788-1103	MILLER, HAROLD MELTON 4367 WEDDINGTON RD. CONCORD 28025 U OF CA-IRVINE	EM /FP AC 72 73 85 704 786-2111	SIKES, THOMAS EDWARD, JR. 109 COUNTRY CLUB DR., NE CONCORD 28025 MED COLL OF GA	ORS AC 70 71 77 704 786-5122
JENKINS, WANDA LOUISE 211 LEPHILLIP COURT CONCORD 28025 U OF CINCINNATI	OBG AC 79 83 83 704 786-1115	MONROE, GEORGE CLARKE, III 470 LAKE CONCORD RD. CONCORD 28025 BAYLOR	IM AC 75 75 79 704 786-7122	SUMNER, ROBERT GRIST 68 LAKE CONCORD ROAD, N.E. CONCORD 28025 CORNELL U	IM /CD AC 59 65 66 704 782-3135
JONES, CLAYTON JOE 107 COUNTRY CLUB DRIVE CONCORD 28025 U OF TENNESSEE	GYN AC 52 58 59 704 786-7158	MONROE, LANCE TRUMAN 476 CAMROSE CIRCLE, NE CONCORD 28025 NEW YORK U	OBG /OBS L 32 36 38 704 782-3717	SURRATT, ROBERT WALTER 56 ARDSLEY AVENUE, N.E. CONCORD 28025 U OF NC	IM AC 78 79 81 704 782-1101
KABLE, KELVIN DUANE 927 BURRAGE ROAD CONCORD, ND 28025 BOWMAN GRAY	AM /OM AC 53 54 84 704 788-5110	MORRIS, RAE HENDERSON 111 LOUISE DRIVE, S.E. CONCORD 28025 JEFFERSON	GP L/RT 29 29 32 704 782-4918	SWAN, BILL JOE 776 WILLIAMSBURG DRIVE CONCORD 28025 U OF TENNESSEE	AN AC 54 60 60 704 782-7638
KALDY, PATRICIA MARIE P. O. BOX 1058 MOUNT PLEASANT 28124 BOWMAN GRAY	FP AC 80 80 77 704 436-6521	NANCE, FREDERICK LEE, JR. 314 PROFESSIONAL BUILDING KANNAPOLIS 28081 BOWMAN GRAY	GP AC 53 53 56 704 932-0211	TOMLIN, EDWIN MERRILL 102 LAKE CONCORD ROAD, N.E. CONCORD 28025 U OF TENNESSEE	U AC 46 56 57 704 786-5131
KEEL, JAMES FRANKLIN, III 68 LAKE CONCORD ROAD, N.E. CONCORD 28025 DUKE	IM AC 74 78 79 704 782-3135	NICHOLS, SUSAN BETH 1054 BURRAGE ROAD, NE CONCORD 28025 U OF MISSOURI	OBG AC 76 81 82 704 788-4151	TUTTLE, MARLER SLATE, SR. 134 S. MAIN STREET KANNAPOLIS 28081 TEMPLE U	FP L 38 38 40 704 932-7016
KEIPPER, VINCENT LEE MCCALLA 56 ARDSLEY AVENUE, N. E. CONCORD 28025 VANDERBILT U	IM AC 73 77 77 704 782-1101	NORDAN, JOHN MCLEAN 102 LAKE CONCORD ROAD, N.E. CONCORD 28025 BOWMAN GRAY	U AC 69 69 76 704 786-5131	WASSEL, JOHN JOSEPH PO BOX 1606 CONCORD 28026 GEORGETOWN U	DR AC 70 70 76 704 788-3155
KELLING, DOUGLAS GEORGE, JR. 68 LAKE CONCORD ROAD, N. E. CONCORD 28025 HARVARD	IM /PUD AC 72 74 75 704 782-3135	OTTENI, GERALD VINCENT 123 OVERBROOK DRIVE CONCORD 28025 U OF VIRGINIA	DR AC 70 70 76 704 786-2111	WHEATLEY, JAMES WALTER 500 LAKE CONCORD RD., NE CONCORD 28025 U OF MARYLAND	OPH AC 76 76 80 704 782-1127
KNEEDLER, WILLIAM HARDING C/O MR. & MRS. I.B. HUDSON 2105 BYRD ST. RALEIGH 27608 U OF PENN	IM L 26 30 47 704 782-3236	PANCOTTO, FRANK SALVATORE 920 N. CHURCH ST. CONCORD 28025 CHICAGO MED SCH	GE AC 75 76 81 704 788-4186	WHITAKER, DONALD NASH, JR. 140 LECLINE DRIVE, NE CONCORD 28025 BOWMAN GRAY	CD AC 75 75 81 704 788-3367
LILES, GEORGE WELCH 306 PROFESSIONAL BUILDING KANNAPOLIS 28081 DUKE	GS AC 44 44 48 704 932-4169	POWELL, THOMAS WILLIAM 48 ARDSLEY AVE. NE CONCORD 28025 U OF NC	GS /CDS AC 74 74 84 704 786-1108	YAP, ELSA DUMAUG CABARRUS MEMORIAL HOSPITAL CONCORD 28025 CEBU INST OF MED	PTH AC 63 74 76 704 788-5987
LOCKHART, DAVID ARMISTEAD 40 ARDSLEY AVENUE, N.E. CONCORD 28025 DUKE	PD AC 51 53 54 704 786-1144	PUCKETT, JAMES BUTLER 68 LAKE CONCORD RD., NE CONCORD 28025 U OF NC	IM /ON AC 74 74 85 704 782-3135	ZELLNER, ERIC EUGENE 103 COUNTRY CLUB DR. CONCORD 28025 PENN STATE U	FP /EM AC 74 74 80 704 788-1140
LOFTUS, JAMES MORGAN, JR. PO BOX 1606 CONCORD 28026 GEORGETOWN U	ORS AC 74 79 79 704 788-3155	RANKIN, RICHARD BRANDON, JR. 500 LAKE CONCORD RD., NE CONCORD 28025 DUKE	OPH AC 53 53 56 704 782-1127		

14. CALDWELL COMPONENT SOCIETY

OFFICERS—President: Richard F. Curtis, M.D., PO Box 659, Lenoir 28645 (704 754-8421)

Secretary: Westell C. Phelan, M.D., 401 Mulberry St., S.W. #111, Lenoir 28645 (704 754-2283)

BELK, ROBERT SAMUEL 322 MULBERRY ST. SW PO BOX 1020 LENOIR 28645 MED U OF SC	IM /CD AC 69 69 73 704 758-5544	BOWEN, JOHN HENRY 912 CONNELLY SPRINGS ROAD P. O. BOX 1014 LENOIR 28645 U OF NC	FP /GP AC 80 82 84 704 728-8224	CARPENTER, KENNETH C. P. O. BOX 699 LENOIR 28645 BOWMAN GRAY	GP AC 47 48 50 704 754-7861
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14. CALDWELL COMPONENT SOCIETY (Continued)

CARSWELL, JANE TRIPLETT P. O. BOX 960 LENOIR 28645 MED COLL OF VA	FP AC 58 61 61 704 754-0541	MAULL, JOHN M. PO BOX 1020 LENOIR 28645 EMORY U	IM AC 81 81 87 704 758-5544	SCHEIL, CHARLES PHILIP P. O. BOX 960 LENOIR 28645 DUKE	FP AC 58 58 64 704 754-0541
CURTIS, RICHARD FRANKLIN PO BOX 659 LENOIR 28645 MED U OF SC	R/NM AC 67 67 83 704 754-8421	MCCORMICK, JOHN THOMAS 401 MULBERRY ST. SW. STE. 103 LENOIR 28645 EMORY U	ORS AC 74 75 80 704 758-7091	SHULL, LONNIE NEWELL, JR. 401 MULBERRY ST. SW. STE. 101 LENOIR 28645 MED U OF SC	GS AC 69 69 76 704 758-5501
DARSIE, JAMES LEIGH MULBERRY MEDICAL PARK LENOIR 28645 BAYLOR	OTO AC 66 66 79 704 754-2464	MCNEILL, DONALD DRAKE, JR. P. O. DRAWER 680 LENOIR 28645 U OF NC	PTH/CLP AC 65 65 72 704 754-7063	SNOW, SIDNEY LEWIS 328 MULBERRY STREET, S.W. LENOIR 28645 U OF OTTAWA	U AC 63 78 79 704 754-2166
DILL, DAVID LEE 203 CEDAR ROCK EST. DR. LENOIR 28645 MED COLL OF GA	DR AC 72 73 77 704 754-2283	METZGER, GEORGE ANDREW 322 MULBERRY ST., SW PO BOX 1020 LENOIR 28645 U OF MARYLAND	IM/NEP AC 72 74 78 704 758-5544	STALHEIM, RODNEY MARTIN 322 MULBERRY ST., SW PO BOX 1020 LENOIR 28645 MED U OF SC	IM/CD AC 71 72 80 704 758-5544
FAIL, PHILIP JACKSON 913 HARPER AVENUE, S.W. LENOIR 28645 MED U OF SC	GP AC 59 60 60 704 758-2353	MILLSAPS, DAVID MCIVER 226-H MORGANTON BOULEVARD LENOIR 28645 DUKE	PD AC 77 79 80 704 758-5111	THOMPSON, FREDERICK A. 322 MULBERRY ST., SW PO BOX 1020 LENOIR 28645 DUKE	IM/CD AC 46 47 52 704 758-5544
GRIFFIN, JOSEPH LAIRD P. O. BOX 2640 LENOIR 28645 MED COLL OF GA	OBG AC 72 73 80 704 758-2300	MORGAN, NANCY ELAINE 401 MULBERRY ST., SW, STE. 200 LENOIR 28645 OHIO STATE U	FP AC 79 81 84 704 754-0707	THOMPSON, OTIS RICHARD, JR. 322 MULBERRY ST., SW PO BOX 1020 LENOIR 28645 BOWMAN GRAY	IM/CD AC 53 53 57 704 758-5544
GUERRA, MARC FRANCIS 912 CONNELLY SPRINGS RD. LENOIR 28645 ST U OF NY-BUFF	FP AC 80 80 85 704 728-8224	MOSS, PAUL N. 541 MAIN ST. HUDSON 28638 BOWMAN GRAY	GP AC 54 54 55 704 728-3551	TILLEY, PAUL DONALD P. O. BOX 5607 LENOIR 28645 BOWMAN GRAY	GP AC 59 59 64 704 758-2368
HAIRFIELD, THEODORE VINCENT 328 MULBERRY ST., SW LENOIR 28645 BOWMAN GRAY	GP AC 54 54 62 704 754-3329	NEWMAN, ROBERT HENRY PO BOX 659 LENOIR 28645 INDIANA U	DR AC 76 76 81 704 754-2283	TROUTMAN, BAXTER SUTTLES 521 MT. VIEW ST. LENOIR 28645 U OF MARYLAND	GP L/RT 36 36 39 704 758-5544
HANCOCK, GEORGE MARVIN 401 MULBERRY ST. SW, STE. 101 LENOIR 28645 VANDERBILT U	GS AC 61 61 76 704 758-5501	OLIVER, FRANCIS THEODORE 217 MT. CIRCLE DR. LENOIR 28645 ST U OF NY-BUFF	AN/PH AC 53 54 85 704 754-8421	TYE, JOHN GAROLD 401 MULBERRY ST., SW. LENOIR 28645 U OF CINCINNATI	OPH AC 79 80 85 704 754-0561
HICKMAN, HARRY STUART 623 MAIN STREET, S.E. HUDSON 28638 DUKE	PD L 38 40 42 704 728-8484	PHELAN, WESTELL C. PO BOX 659 401 MULBERRY ST. SW STE. 111 LENOIR 28645 CREIGHTON U	DR AC 76 77 86 704 754-2283	WALTON, CAREY JAMES, JR. P. O. BOX 1020 322 MULBERRY ST., SW LENOIR 28645 BOWMAN GRAY	IM/GE L/RT 55 55 59 704 758-5544
JONES, MARTIN E. CHURCH BUILDING GRANITE FALLS 28630 DUKE	GP AC 43 43 73 704 396-1112	ROACH, ROBERT BURCHELL 401 MULBERRY ST. SW, STE. 101 LENOIR 28645 TEMPLE U	GS AC 43 43 51 704 758-5501	ZEMP, CHARLES HERBERT 226-H MORGANTON BOULEVARD LENOIR 28645 MED U OF SC	PD AC 49 65 65 704 758-5111
LORE, RALPH ELI 306 PENNTON AVENUE, S.W. LENOIR 28645 RUSH MED COLL	GS L/RT 33 33 37 704 754-7356	ROGERS, ROBERT LEE, JR P. O. BOX 2640 LENOIR 28645 MED COLL OF GA	OBG AC 57 63 64 704 758-2309		
LUTZ, CHARLES LARRY P. O. BOX 1020 LENOIR 28645 TULANE U	IM/GE AC 70 70 74 704 758-5544				

16. CARTERET COMPONENT SOCIETY

OFFICERS—President: Charles F. Aquadro, M.D., 326 Front St., Beaufort 28516 (919 728-5141)

Secretary: Leon M. Morrison, M.D., 9 Medical Park, Morehead City 28557 (919 247-4297)

ADKINS, TROGLER FRANCIS ROUTE #4, BOX 301-B NEWPORT 28570 DUKE	OBG L/RT 36 46 46 919 726-6662	FERRY, SENECA TAYLOR, II P. O. BOX 8 SMYRNA 28579 U OF MISSOURI	EM/FP AC 65 65 78 919 729-7831	KEMPTON, LEO V. 710 ARENDELL ST. PO BOX 3632 MOREHEAD CITY 28557 U OF WISCONSIN	P AC 50 51 87 919 247-6160
AQUADRO, CHARLES FRASURE 326 FRONT STREET BEAUFORT 28516 U OF TENNESSEE	GP/OM AC 52 52 71 919 728-5141	FRESCA, VICTOR ATTILIO ROUTE #2 OAK BLUFF AT BRANDYWINE BAY MOREHEAD CITY 28557 LOYOLA U	GP/R AS 37 37 74 919 726-5587	MAJSTORAVICH, JOSEPH, JR. P. O. BOX 1317 MOREHEAD CITY 28557 U OF NC	OPH AC 74 74 79 919 726-0411
BORDEN, RICHARD WINSTEAD 3108 ARENDELL ST. MOREHEAD CITY 28557 DUKE	GP AC 53 53 70 919 726-3127	GAINES, JOHN WHITE, JR. P. O. DRAWER 97 MOREHEAD CITY 28557 U OF NC	GP AC 55 55 57 919 726-6143	MORRISON, LEON MACMILLAN 9 MEDICAL PARK MOREHEAD CITY 28557 U OF FLORIDA	OBG AC 75 76 80 919 247-4297
BRADY, WALTER MORRIS #5 MEDICAL PARK MOREHEAD CITY 28557 MED COLL OF VA	FP AC 51 52 53 919 726-8414	GARRISON, ROBERT WALTER 15 MEDICAL PARK MOREHEAD CITY 28557 CASE WESTERN RES	U AC 76 77 82 919 247-2101	OLIVER, GEORGE MOTLEY, JR. 6 MEDICAL PARK MOREHEAD CITY 28557 U OF NC	OBG AC 70 71 77 919 726-8016
CLEVINGER, ALVA BEN 107 BELLE AIR ST. BEAUFORT 28516 U OF OKLAHOMA	PTH AS 64 64 72 919 728-2048	HARKER, MARGARET NELSEN P. O. DRAWER 897 MOREHEAD CITY 28557 GEO WASHINGTON U	GP AC 68 69 74 919 247-3476	PURUSHOTHAMAN, CHANDROTH V. #4 MEDICAL PARK MOREHEAD CITY 28557 CALICUT U	CD/IM AC 65 67 84 919 247-5426
FALLS, DARRYL LEE #9 MEDICAL PARK MOREHEAD CITY 28557 U OF NC	OBG AC 80 80 84 919 726-0107			TEETER, ROBERT TENNANT #9 MEDICAL PARK MOREHEAD CITY 28557 U OF NC	OBG AC 74 74 78 919 726-0107

16. CARTERET COMPONENT SOCIETY (Continued)

WALKER, WILLIAM THOMAS, JR. #5 MEDICAL PARK MOREHEAD CITY 28557 JOHNS HOPKINS	IM AC 79 79 83 919 726-9091	WAY, JOHN EDWARD #3 MEDICAL PARK MOREHEAD CITY 28557 U OF MARYLAND	GS L 38 38 47 919 726-1136	YURKO, JOHN EVANS 15 MEDICAL PARK MOREHEAD CITY 28557 MED COLL OF VA	GS AC 63 63 71 919 247-2101
WAY, BRADY COLE 3 MEDICAL PARK MOREHEAD CITY 28557 BOWMAN GRAY	GS AC 76 76 85 919 726-1136	WRAY, RICHARD HENRY, III 15 MEDICAL PARK MOREHEAD CITY 28557 U OF NC	TS/GS AC 68 68 76 919 247-2101	ZETTL, MATTHEW LEE 15 MEDICAL PARK MOREHEAD CITY 28557 TULANE U	ORS AC 75 75 81 919 247-2101

18. CATAWBA COMPONENT SOCIETY

OFFICERS—President: David E. Tart, M.D., 24 Second Ave., N.E., Hickory 28601 (704 328-6185)
Secretary: Robert B. Nieland, M.D., 24 2nd Ave., N.E., Hickory 28601 (704 328-2231)
Executive Secretary: Mrs. Margaret D. Lawing, 617 Gabriel Ave., Newton 28658 (704 464-2505)

ABERNETHY, HENRY WALTER 221 13TH AVE. PL. NW-FP HICKORY 28601 U OF NC	FP/IM AC 55 55 60 704 322-5800	CAPOROSI, PAUL VINCENT PO BOX 2227 HICKORY 28603 MED SCH-UMDNJ	OBG AC 65 70 75 704 322-4920	ENNIS, GEORGE ELLIOTT 912 SECOND STREET, N. E. HICKORY 28601 U OF NC	IM/HEM AC 58 58 65 704 328-2381
ALEXANDER, MARGARET C. RT. #3, BOX 331, STE. 26A FAIRGROVE PROF. BLDG. HICKORY 28601 MED U OF SC	R AC 81 82 87 704 327-6342	CHI, HONG YUP 105 N. MAIN AVENUE NEWTON 28658 MED COLL OF VA	FP AC 66 66 71 704 464-5424	ESPEY, DAN, JR. 24 SECOND AVE., NE HICKORY 28601 U OF LOUISVILLE	FP AC 47 51 52 704 327-4453
BATES, PAUL KENNETH, JR. FIRST PLAZA -- BOX 700 1985 TATE BOULEVARD, S.E. HICKORY 28602 U OF LOUISVILLE	PD AC 69 74 75 704 322-2550	CHRISTENSEN, HARVEY EARL ROUTE #2, BOX 190 CONOVER 28613 STANFORD U	GS/TS AC 60 61 72 704 322-9105	FAHL, JAMES COX 24 SECOND AVENUE, N. E. HICKORY 28601 HARVARD	GS AC 48 48 72 704 328-2231
BAUER, JOHN MONTGOMERY ROUTE #2, BOX 197 CONOVER 28613 LA STATE U	PTH AC 76 76 81 704 322-3821	CLARKE, WILLIAM LOWE, JR 551 THIRD ST. NE HICKORY 28601 EMORY U	FP L/RT 41 47 48 704 322-1361	FEWELL, JOSEPH EURANUS, JR. 420 N. CENTER STREET HICKORY 28601 MED U OF SC	PS AC 74 79 84 704 322-8380
BELL, IRA EUGENE, JR. CATAWBA MEMORIAL HOSPITAL 810 FAIRGROVE CHURCH RD.SE HICKORY 28602 MED COLL OF GA	TR/R AC 45 50 51 704 322-0856	CLONINGER, CHARLES EDGAR RT. #2, BOX 14DC SHERRILLS FORD 28673 U OF MARYLAND	FP L/RT 41 41 43 704 478-3155	FITZ, THOMAS EDMUNDS 2133 9TH ST. NW HICKORY 28601 DUKE	IM/CD L/RT 50 53 57 704 322-1066
BISHOPRIC, ALICE 1205 N. CENTER STREET HICKORY 28601 MED U OF SC	OBG AC 78 79 83 704 328-2901	COLEMAN, LESTER L., JR. P. O. BOX 376 HILDEBRAN 28637 BOWMAN GRAY	FP AC 50 50 52 704 397-3522	FITZGERALD, DWIGHT MELVIN ROUTE #2, BOX 196 CONOVER 28613 U OF ILLINOIS	GS/TS AC 69 76 78 704 322-8485
BLANCHAT, TIMOTHY JOSEPH 11 13TH AVENUE, N. E. HICKORY 28601 WEST VA U	IM AC 74 74 78 704 322-3541	COOK, LELAND JAMES 420 N. CENTER ST. HICKORY 28601 U OF KENTUCKY	GS AC 79 80 85 704 327-9178	FORSHEY, ALAN GRAY 21 EAST A STREET NEWTON 28658 OHIO STATE U	FP AC 78 79 83 704 465-3928
BOOKER, JOHN PARKS, JR. P. O. BOX 308 HICKORY 28601 MED U OF SC	DR AC 67 67 74 704 322-2644	CUTCHIN, JOSEPH HENRY, JR. P. O. BOX 67 SHERRILLS FORD 28673 DUKE	GP AC 42 43 43 704 478-2431	FOSTER, JOHN THOMAS P. O. BOX 2588 HICKORY 28603 DUKE	OPH AC 62 62 68 704 322-2050
BOONE, EDWARD EVERETT ROUTE #2, BOX 199 CONOVER 28613 BOWMAN GRAY	IM AC 71 71 77 704 322-1128	DAVIS, JOHN WOODROW 24 SECOND AVENUE, N. E. HICKORY 28601 JEFFERSON	FP AC 46 47 50 704 328-2231	FRIEDMAN, EDNA CHARNEY 5161 COLLINS AVENUE, APT. 412 MIAMI BEACH, FL 33140 U OF ZURICH	PD/AN L/RT 39 43 57 305 864-2880
BOYLES, LARRY WAYNE 420 N. CENTER ST. HICKORY 28601 U OF NC	N/IM AC 70 70 76 704 327-9869	DE LA GARZA, CARLOS ARTURO 24 SECOND AVE., NE HICKORY 28601 U OF COLORADO	FP AC 76 78 85 704 328-2231	FROEDGE, JERRY KEITH 1985 TATE BOULEVARD, S.E. HICKORY 28602 U OF LOUISVILLE	PD AC 69 70 75 704 322-2550
BOYLES, WAYNE FRANCIS ROUTE #3, BOX 155 HICKORY 28601 WASHINGTON U	FP AC 52 52 54 704 327-4745	DEATON, HUGO L. 420 N. CENTER STREET HICKORY 28601 COLUMBIA U	GS/TS AC 57 58 64 704 327-9178	GACHET, FRED SMITH, JR. 1205 N. CENTER STREET HICKORY 28601 JOHNS HOPKINS	GYN AC 57 65 65 704 328-2901
BROOKS, THOMAS WILLIAM, III 521 THIRD AVENUE, N.W. HICKORY 28601 MED COLL OF GA	R/NM AC 62 62 71 704 322-2644	DEPERCZEL, JOHN LESLIE 521 11TH AVE. CIRCLE NW HICKORY 28601 LOYOLA U	ORS/GP AC 72 73 81 704 324-2800	GAITHER, JAMES COMER ROUTE #2, BOX 199 CONOVER 28658 WASHINGTON U	IM AC 61 62 68 704 322-1128
BROWN, PAUL EUGENE 250 18TH ST. CIR. SE HICKORY 28602 U OF NC	ORS AC 69 69 75 704 322-5172	DICKINSON, MICHAEL WRIGHT 420 N. CENTER STREET HICKORY 28601 U OF VIRGINIA	GS/CDS AC 75 75 81 704 327-9178	GARDNER, WILLIAM RONALD 420 N. CENTER STREET HICKORY 28601 U OF MIAMI	GS/CDS AC 63 64 73 704 327-9178
BYERLY, WESLEY GRIMES, JR. 24 SECOND AVENUE, N.E. HICKORY 28601 HARVARD	GS AC 52 52 58 704 328-2231	DILLON, DANIEL CHRISTIAN 11 13TH AVENUE, N. E. HICKORY 28601 INDIANA U	IM/GE AC 68 68 75 704 322-1068	GERRARD, EDWARD ROLLAND 1202 N. CENTER STREET HICKORY 28601 BAYLOR	U AC 67 67 75 704 322-4340
CALDWELL, LAWRENCE M. II P. O. BOX 849 NEWTON 28658 U OF NC	GE/IM AC 71 71 77 704 464-4550	DIXON, ROBERT ROSS FIRST PLAZA -- BOX 700 1985 TATE BOULEVARD, S.E. HICKORY 28601 BOWMAN GRAY	PD AC 68 68 75 704 322-2550	GILBERT, HENRY TUCKER P. O. BOX 308 HICKORY 28601 MED COLL OF GA	DR AC 69 70 77 704 322-2644
CALDWELL, LAWRENCE MCCLURE, SR. 406 S. COLLEGE AVE. NEWTON 28658 U OF PENN	GP L/RT 32 32 34 704 464-2330	EARL, JOHN KEITH 210 13TH AVE. PLACE, N.W. HICKORY 28601 U OF OKLAHOMA	FP AC 72 73 77 704 328-2941	GOINS, JAMES ROBERT 210 13TH AVENUE PLACE, NW HICKORY 28601 U OF NC	OBG AC 77 78 85 704 322-3017
				GOODIN, THOMAS ELLIOTT, III 610 FAIRGROVE CHURCH RD. HICKORY 28610 U OF TENNESSEE	AN AC 66 67 67 704 322-0870

18. CATAWBA COMPONENT SOCIETY (Continued)

GOODMAN, BENJAMIN WARREN 24 SECOND AVENUE, N. E. HICKORY 28601 U OF TENNESSEE	FP AC 51 54 54 704 328-2231	KIM, TONG SU 612 THIRD AVENUE, NE HICKORY 28601 SEOUL NATL U	P AC 51 51 70 704 324-9900	O'CONNOR, ROBERT DARRELL FAIRGROVE CHURCH ROAD P. O. DRAWER 2484 HICKORY 28601 MED COLL OF VA	OTO AC 60 67 67 704 322-3725
GREEN, KENNETH ERIC 4 BRENTWOOD LANE, SE HICKORY 28602 U OF TORONTO	GP AC 78 79 86 704 294-1116	KING, HARRY LEE PO BOX 2186 HICKORY 28603 U OF VIRGINIA	OTO/HNS AC 74 74 80 704 322-5120	OBERLIN, DELOY CHARLES ROUTE #3, BOX 690 NEWTON 28658 STANFORD U	AN/EM AC 76 78 81 704 322-6070
GRIFFIN, HAROLD WALKER 1610 10TH ST. DR. NW HICKORY 28601 EMORY U	OPH L/RT 23 31 32 704 327-8526	KING, WALTER LEE PO BOX 2186 HICKORY 28603 U OF VIRGINIA	OPH AC 67 67 72 704 322-5120	ORLOWSKI, RICHARD 225 18TH ST. SE P. O. BOX 3710 HICKORY 28603 WASHINGTON U	ON/HEM AC 78 83 84 704 324-9550
GRIFFIN, RICHARD MADISON 27 13TH AVENUE, N.E. HICKORY 28601 EMORY U	OPH AC 59 60 63 704 322-6040	KURAD, JOSEPH WARD 1202 N. CENTER STREET HICKORY 28601 U OF MARYLAND	U AC 60 67 67 704 322-4340	OWENS, FREDERICK THOMAS 912 SECOND STREET, N.E. HICKORY 28601 MED COLL OF GA	PUD/IM AC 70 71 77 704 322-8265
GRIGSBY, HARDIN BLAND P. O. BOX 310 CONOVER 28613 INDIANA U	GYN AC 55 65 66 704 328-8146	LEFLER, WADE HAMPTON, JR. P. O. BOX 2588 HICKORY 28601 BOWMAN GRAY	OPH AC 63 63 72 704 322-2050	OWSLEY, JAMES HAROLD P. O. BOX 308 HICKORY 28601 U OF ALABAMA	R/NM AC 57 58 64 704 322-2644
GUARINO, GUY JOSEPH ROUTE #2, BOX 197 CONOVER 28613 LA STATE U	PTH AC 57 67 67 704 322-3821	LEONARD, WALTER EVAN 130 27TH STREET, S.W. HICKORY 28601 BOWMAN GRAY	FP AC 53 53 54 704 322-1153	PARKER, JAMES LEE 850-H 8TH ST. NE HICKORY 28601 U OF NC	PTH AC 63 63 71 704 322-3821
GUTTTLER, SANFORD DENNIS 1 TRADE STREET GRANITE FALLS 28630 TEMPLE U	FP AC 76 77 80 704 396-3136	LONG, WILLIAM EVERETT P. O. BOX 1239 CONOVER 28613 U OF NC	FP AC 72 72 76 704 464-3821	PEELER, FORREST EDWARDS ROUTE #3, BOX 436 MAIDEN 28650 MED COLL OF VA	FP AC 50 51 51 704 428-2446
HANCOCK, MILLIE PITTS 221 - 13TH AVENUE PLACE, N.W. HICKORY 28601 JOHNS HOPKINS	A/PD AC 62 65 67 704 322-1275	LOVIN, VICKIE WEST PO BOX 2227 HICKORY 28603 BOWMAN GRAY	OBG AC 81 82 86 704 322-4920	PEELER, RON H. FRYE REG. MED. CTR. 420 N. CENTER ST. HICKORY 28601 BOWMAN GRAY	EM 81 82 78 704 324-3190
HARLAN, STEVEN DANE P. O. BOX 308 HICKORY 28603 U OF MISSOURI	R AC 76 76 81 704 322-2644	LYNN, ARTHUR SIMONTON, JR. ROUTE #2, BOX 199 CONOVER 28613 U OF NC	IM/CD AC 62 62 68 704 322-1128	PEKMAN, WILLIAM MARTIN 250 18TH ST. CIRCLE, SE HICKORY 28602 U OF CHICAGO	HS/ORS AC 78 79 85 704 322-5172
HARRIS, JEFFREY DAVISON HIGHWAY 127 NORTH P. O. BOX 6050 HICKORY 28601 U OF CINCINNATI	FP AC 77 78 81 704 495-8226	MACLAUCHLIN, WILLIAM THOMPSON P. O. DRAWER 1239 CONOVER 28613 MED U OF SC	FP AC 41 46 47 704 464-3821	PETERS, STANLEY 250 18TH ST. CIR. SE HICKORY 28602 KING EDWARD COLL	ORS AC 64 64 75 704 322-5172
HARRIS, WILLIAM RIX P. O. BOX 2588 HICKORY 28603 U OF NC	OPH AC 56 56 64 704 322-2050	MARCUS, RICHARD WM. 600 FIRST PLAZA 1985 TATE BLDG. SE HICKORY 28601 U OF TEXAS	N AC 79 79 86 704 328-5500	PETERSON, ROBERT LIND 210 13TH AVENUE PLACE, N.W. HICKORY 28601 U OF WASHINGTON	OBG AC 71 72 79 704 322-3018
HART, ROBERT WILLIAM, III 221 13TH AVENUE PL., NW HICKORY 28601 MED U OF SC	FP AC 65 66 67 704 322-5800	MCCLOSKEY, SCOTT MICHAEL 420 N. CENTER STREET HICKORY 28601 U OF MARYLAND	NS AC 75 77 81 704 327-9740	PIERCE, ROBERT JAMES, JR. 1202 N. CENTER STREET HICKORY 28601 U OF NC	U AC 64 64 71 704 322-4340
HEARON, BRIAN PAUL 1985 TATE BOULEVARD, SE HICKORY 28601 U OF MISSISSIPPI	CD/IM AC 77 77 85 704 324-4804	MCDONELL, CHARLES FRANKLIN, JR. ROUTE #13, BOX 24 HICKORY 28601 TULANE U	OBG AC 68 68 74 704 322-3017	POLLOCK, JOSEPH JORDAN 912 SECOND ST., NE HICKORY 28601 GEO WASHINGTON U	PUD/IM AC 58 60 87 704 322-8265
HODGES, JAMES ROBINSON 210 13TH AVENUE PLACE, N.W. HICKORY 28601 U OF MICHIGAN	FP AC 72 72 79 704 328-2941	MCDUGAL, EMORY GARY RT. #2, BOX 190 CONOVER 28613 U OF SOU ALA	GS AC 77 82 84 704 322-9105	PRUITT, JERRY L. 24 SECOND AVENUE, N.E. HICKORY 28601 BOWMAN GRAY	D AC 71 71 76 704 328-6185
HUFFMAN, ALLEN WILLIAM, JR. 1205 N. CENTER STREET HICKORY 28601 U OF NC	OBG AC 67 67 76 704 328-2901	MICHAEL, DOUGLAS WORTH PO BOX 1239 CONOVER 28613 JEFFERSON	FP AC 79 81 84 704 464-3821	REED, CHARLES NATHAN 24 SECOND AVE., NE HICKORY 28601 U OF NC	D/IM AC 79 80 85 704 328-6185
ISENHOWER, JOSEPH ANDREW 24 SECOND AVENUE, N.E. HICKORY 28601 BOWMAN GRAY	FP AC 54 54 55 704 328-2231	MIKUS, KEVIN PETER PO BOX 1239 CONOVER 28613 WAYNE STATE U	FP AC 82 84 86 704 464-3821	RICE, JOHN SIDNEY 143 33RD AVENUE, NW HICKORY 28601 OHIO STATE U	D L/RT 40 63 63 704 327-0069
JAMES, JOHN CLAY ROUTE #3, BOX 436 MAIDEN 28650 BOWMAN GRAY	GP AC 57 57 62 704 428-9740	MILLER, JOEL BYRON P. O. DRAWER 38 HICKORY 28601 BOWMAN GRAY	OBG AC 74 74 80 704 322-4140	RILEY, WILLIAM JOSEPH 605 W. 25TH STREET NEWTON 28658 MED COLL OF VA	GS AC 55 60 62 704 464-5340
JOHNSON, ANDREW FINLEY 2402 SPRINGS ROAD, N.E. HICKORY 28601 U OF TENNESSEE	GP AC 65 67 67 704 256-2185	MORETZ, JOSEPH ALFRED, III 250 18TH ST. CIRCLE, SE HICKORY 28602 EMORY U	ORS AC 72 73 81 704 322-5172	ROBERTSON, KENT ALAN 420 N. CENTER ST. HICKORY 28601 LA STATE U	AN/IM AC 76 76 85 704 324-3587
JOHNSON, THOMAS GARY 132 35TH AVE., NW HICKORY 28601 MED U OF SC	DR AC 74 76 85 704 327-6342	MOREWITZ, NANCY D. 420 N. CENTER ST. HICKORY 28601 EASTERN VA	N AC 81 82 87 704 327-4419	ROSS, JAMES MILLER P. O. BOX 490 CLAREMONT 28610 U OF TENNESSEE	FP AC 63 65 65 704 459-7324
KELLER, TED STEVEN 420 N. CENTER ST. HICKORY 28601 DUKE	NS AC 76 76 85 704 327-4818	NIELAND, ROBERT BRUCE 24 SECOND AVENUE, N. E. HICKORY 28601 U OF IOWA	FP AC 69 70 76 704 328-2231	RUDISILL, ELBERT ANDREW, JR. 133 FIRST AVE., SE HICKORY 28601 BOWMAN GRAY	FP AC 77 77 81 704 322-5915
KESSLER, J. PATRICK 912 SECOND ST., NE HICKORY 28601 OHIO STATE U	ORS AC 78 79 87 704 324-2800				

18. CATAWBA COMPONENT SOCIETY (Continued)

SANTOSO, RUDY ADRIAN ROUTE #3, BOX 331 HICKORY 28601 PADJADJARAN U	N AC 71 74 83 704 324-4143	STEWART, ROY ALLEN P. O. BOX 970 NEWTON 28658 EMORY U	OPH L 40 46 48 704 464-0982	WELCH, CARL LESTER 221 13TH AVE. PL. NW HICKORY 28601 MED COLL OF GA	FP AC 65 68 88 704 322-5800
SCHMITT, PHILIP JULIAN PO BOX 9149 HICKORY 28603 GEORGETOWN U	P /CHP AC 80 83 85 704 327-7888	STUTESMAN, JAMES L. 343 SECOND ST. NW HICKORY 28601 U OF TX-HOUSTON	PM AC 83 83 87 704 322-1300	WHALEY, JAMES DAVANT 138-A S. BATTERY CHARLESTON, SC 29401 MED U OF SC	U L/RT 25 25 36 803 722-9998
SCHULTEN, HERBERT JOHN 912 SECOND ST. NE HICKORY 28601 U OF MARYLAND	ORS AC 70 70 79 704 324-2800	SZABO, JANET ROSE P. O. BOX 308 HICKORY 28603 U OF NC	R AC 79 85 86 704 322-2644	WILLIAMS, LARRY THOMAS 354 SIXTH ST. NW HICKORY 28601 U OF NC	AN AC 79 81 86 704 322-0870
SEAGLE, LEE MARCUS, JR. 133 FIRST AVENUE, S.E. HICKORY 28601 DUKE	FP AC 57 57 61 704 322-5915	TART, DAVID E. 24 SECOND AVENUE, N.E. HICKORY 28601 U OF NC	D /IM AC 74 74 79 704 328-6185	WILLIAMS, RANDAL JAMES P. O. BOX 2588 HICKORY 28603 DUKE	OPH AC 69 69 78 704 322-2050
SIMS, WILLIAM LEONARD 420 N. CENTER ST. HICKORY 28601 U OF KENTUCKY	NS AC 79 80 85 704 324-9609	TAYLOR, WILLIAM RILEY 690 FAIRGROVE CHURCH ROAD P. O. BOX 3710 HICKORY 28603 U OF ALABAMA	ON /IM AC 78 78 85 704 324-9550	WILLIAMS, ROBERT CYRUS, JR. FAIRGROVE CHURCH ROAD BOX 2484 HICKORY 28603 MED U OF SC	OTO AC 71 72 79 704 322-3725
SPEES, LYNN BEECHER THE CHILDHEALTH CENTER 1375 4TH ST. DR. NW HICKORY 28601 BOWMAN GRAY	PD AC 75 75 73 704 322-4453	THOMPSON, WILLIAM CECIL, III 210 13TH AVE. PL., NW HICKORY 28601 WEST VA U	FP AC 78 79 82 704 322-7170	WINFIELD, HEBER GREY, III 250 18TH ST. CIRCLE, SE HICKORY 28602 U OF NC	ORS AC 70 70 76 704 322-5172
STAHLY, WALTER REX 24 SECOND AVE., NE HICKORY 28601 U OF WASHINGTON	FP AC 78 79 85 704 328-2231	THORNTON, JACK WALKER P. O. DRAWER 2484 HICKORY 28601 U OF MISSISSIPPI	OTO /HNS AC 64 64 71 704 322-3725	WISE, JOHN EDNEY 1624 N. CENTER STREET HICKORY 28601 U OF NC	IM AC 60 60 67 704 328-2094
STEG, BRIAN DAVID 1985 TATE BOULEVARD HICKORY 28601 CASE WESTERN RES	CD /CD AC 78 79 86 704 324-4804	THORWARTH, WILLIAM T., JR. CATAWBA RADIOLOGICAL ASSOC. P. O. BOX 308 HICKORY 28603 DARTMOUTH U	DR /NM AC 75 76 84 704 322-2871	WOFFORD, BENJAMIN 105 N. MAIN AVENUE NEWTON 28658 U OF TENNESSEE	GP AC 66 66 80 704 464-3321
STEVENS, ROBERT BRUCE 3430 5TH ST. DRIVE, NW HICKORY 28601 U OF CINCINNATI	AN AC 78 83 86 704 327-7443	TRADO, CHARLES ELEMENDORF IKERD BUILDING 612 THIRD AVE., NE HICKORY 28601 U OF NC	P /GP AC 59 59 72 704 324-9900	WOTRING, JAMES WILLIAM, JR. P. O. BOX 38 HICKORY 28601 MED COLL OF VA	OBG AC 61 67 68 704 322-4140
STEWART, DANIEL NIVEN, JR. 925 4TH AVE. DR. NW HICKORY 28601 U OF PENN	FP L 35 35 38 704 328-1212	VOGEL, JOSEPH VINCENT ROUTE #2, BOX 197 CONOVER 28613 DUKE	PTH AC 77 82 85 704 322-3821	WRIGHT, ELIZABETH ANN 420 N. CENTER ST. HICKORY 28601 U OF KENTUCKY	N AC 67 68 85 704 327-4419
STEWART, DOUGLAS WAYNE 516 LAURELWOOD CIRCLE, SE PO BOX 1020 LENOIR 28645 PENN STATE U	IM /NEP AC 78 79 84 704 758-5544	WARREN, THOMAS LARRY PO BOX 2227 HICKORY 28603 U OF ALABAMA	OBG AC 63 63 71 704 322-4920	YOUNG, WILLIAM LEE, III 210 13TH AVENUE PLACE, N.W. HICKORY 28601 U OF VIRGINIA	FP AC 74 74 79 704 328-2941

19. CHATHAM COMPONENT SOCIETY

OFFICERS—President: Byron J. Hoffman, Jr., M.D., P.O. Box 689, Siler City 27344 (919 663-3360)					
Secretary: John W. Sanders, M.D., P.O. Box 689, Siler City 27344 (919 663-3360)					
BROWN, WALTER JOHN 79 TRUNDLE RDG. FEARRINGTON PITTSBORO 27312 BERLIN U	PH AC 33 36 80 919 933-9331	HOFFMAN, BYRON JAY, JR. 421 N. HOLLY STREET SILER CITY 27344 EMORY U	IM AC 76 77 81 919 663-3360	WHITE, FRANKLIN DELANO P. O. BOX 567 SILER CITY 27344 U OF NC	FP AC 59 59 61 919 663-2761
DYKERS, JOHN REGINALD, JR. P. O. BOX 565 422 N. IVY AVENUE SILER CITY 27344 U OF NC	FP AC 60 60 78 919 663-2931	HOLT, JAMES BEATTY ROUTE #5, BOX 40 PITTSBORO 27312 U OF NC	FP AC 77 77 78 919 542-3251		

20. CHEROKEE (GRAHAM) COMPONENT SOCIETY

OFFICERS—President: Mario M. Seiglie, M.D., 505 Peachtree St., Murphy 28906					
Secretary: Floyd E. Blaylock, M.D., Valley River Clinic, Andrews 28901 (704 321-4510)					
BLALOCK, FLOYD ESTON, JR. VALLEY RIVER CLINIC ANDREWS 28901 U OF TENNESSEE	FP /GP AC 51 53 54 704 321-4510	STEPHENS, JAMES EDWARD P. O. BOX 516 ROBBINSVILLE 28771 MED COLL OF VA	GP AC 60 61 61 704 479-3392	WELLS, HELEN LEWIS 503 PEACHTREE STREET MURPHY 28906 BOWMAN GRAY	GP AC 46 47 48 704 837-2515
MITCHELL, BRIAN P. PO BOX 158 MURPHY 28906 U OF PITTSBURGH	IM AC 74 76 87 704 837-2696	TURITTO, LOUIS ANTHONY 2 WHITAKER LANE ANDREWS 28901 U OF BOLOGNA	GS AC 68 71 85 704 321-5010		

21. CHOWAN-PERQUIMANS COMPONENT SOCIETY

OFFICERS—**President:** Edward G. Bond, M.D., Chowan Medical Center, Edenton 27932 (919 482-2116)**Secretary:** David O. Wright, M.D., Chowan Medical Center, Edenton 27932 (919 482-2116)

BAKER, BERNIE BALLINGTON, SR. EDENTON OB-GYN CENTER, PA P. O. BOX 990 EDENTON 27932 DUKE	OBG AC 65 65 72 919 782-7407	DEVINE, LEIBERT EARL P. O. BOX 298 EDENTON 27932 OHIO STATE U	FP AC 75 75 80 919 482-7774	PERRY, JOHN CHRISTOPHER P. O. BOX 429 EDENTON 27932 U OF FLORIDA	FP AC 79 80 83 919 482-2116
BAKER, MARVIN I. PO BOX 1047 EDENTON 27932 U OF FLORIDA	R/NM AC 60 60 83 919 482-8446	FRANCIS, JOHN ARLIE PO BOX 990 EDENTON 27932 WEST VA U	OBG AC 71 71 85 919 482-7407	POTOCKI, LANCE DEWITT PO BOX 429 EDENTON 27932 U OF MARYLAND	FP AC 81 81 85 919 482-2116
BLAKEMORE, WILLIAM STEPHEN 101 MARK DR. EDENTON 27932 ROYAL CO-IRELAND	OPH AC 79 80 84 919 482-7471	HASKETT, JOSEPH RAY, JR. CHOWAN MEDICAL CENTER EDENTON 27932 U OF NC	IM AC 76 76 82 919 482-2116	VOIGT, WARD LANDIS CHOWAN MEDICAL CENTER EDENTON 27932 U OF NC	GS AC 63 63 70 919 482-2116
BOND, EDWARD GRIFFITH CHOWAN MEDICAL CENTER EDENTON 27932 U OF VIRGINIA	IM/CD AC 48 48 56 919 482-2116	LANE, ROBERT EARL 118 W. MARKET STREET P. O. BOX 487 HERTFORD 27944 TULANE U	FP AC 67 67 74 919 426-5711	WRIGHT, DAVID ORLO CHOWAN MEDICAL CENTER EDENTON 27932 BOWMAN GRAY	FP AC 58 58 63 919 482-2116

23. CLEVELAND COMPONENT SOCIETY

OFFICERS—**President:** Numa R. Carter, M.D., 512 W. Dixon Blvd., Shelby 28150 (704 484-7540)**Secretary:** Jess A. Powell, M.D., 201 Grover St., Shelby 28150 (704 487-3141)

ADAMS, CHARLES HUBERT 103 WATTERSON STREET KINGS MOUNTAIN 28086 U OF VIRGINIA	FP AC 58 59 59 704 739-3681	BRIGGS, DOUGLAS MERRILL 1198 WYKE ROAD SHELBY 28150 DOWNSTATE ME CTR	FP AC 78 79 82 704 487-1148	ELLISON, THOMAS SCOTT 2401 FAIRWAY DR. WINSTON-SALEM 27103 BOWMAN GRAY	S 87 00 84 919 722-1807
ANDERSON, DAVID DIXON P. O. BOX 313 MARS HILL 28754 BOWMAN GRAY	ORS 54 54 00 919 487-1177	BURRUS, JAMES HENRY P. O. BOX 1256 SHELBY 28150 U OF NC	GYN AC 57 57 64 704 482-2486	EVANS, OTIS DRUELL, JR. 110 W. GROVER STREET SHELBY 28150 U OF MARYLAND	OBG AC 51 52 53 704 487-5258
BANKOV, ROBERT WILLIAM 519 MARGARET RD. STATESVILLE 28677 U OF SOU ALA	EM AC 78 82 86 704 872-3339	CARTER, JOEL MILES P. O. BOX 340 SHELBY 28150 U OF TENNESSEE	TR AC 73 77 84 704 487-3144	FERRELL, PAUL BRENT 808 SCHENCK ST. SHELBY 28150 U OF NC	RHU/IM AC 75 75 84 704 482-1482
BARKER, DAVID BERT 808 N. WASHINGTON ST. SHELBY 28150 U OF TENNESSEE	U AC 71 71 80 704 484-0117	CARTER, NUMA RICHARDSON, JR. 512 DIXON BOULEVARD SHELBY 28150 BOWMAN GRAY	FP AC 50 50 57 704 487-7540	GANGOO, ABDUL RASHID 810 W. KING STREET KINGS MOUNTAIN 28086 SRINAGAR MED SCH	ID AC 68 76 83 704 739-8946
BARRIER, CECIL LEE, SR. ROUTE #3, BOX 105 LAWNSDALE 28090 U OF NC	GP AC 59 59 60 704 538-7891	CHEANEY, RUSSELL ALAN 300 GROVER ST. SHELBY 28150 U OF LOUISVILLE	AN AC 82 85 86 704 482-5716	GEBEL, EMILE LOUIS 1413 N. LAFAYETTE STREET SHELBY 28150 DUKE	OPH AC 62 62 67 704 482-6767
BARRINGER, MICHAEL LYNN 904 MEADOWBROOK LANE SHELBY 28150 U OF NC	GS AC 76 76 84 704 482-6359	CHEN, KEH-FANG 604 W. KING ST. KINGS MOUNTAIN 28086 TAIWAN U-TAIPEI	OBG AC 68 73 87 704 739-8059	GENTRY, JOHN BILLY 307 S. POSTON STREET SHELBY 28150 U OF NC	PTH AC 59 59 67 704 482-0241
BEUTEL, WILLIAM DEAN 801 W. KING ST. KINGS MOUNTAIN 28086 U OF ILLINOIS	GS AC 79 82 86 704 734-0221	CHEN, KEH-FANG 604 W. KING ST. KINGS MOUNTAIN 28086 TAIWAN U-TAIPEI	OBG AC 68 72 78 704 739-8059	GILLIATT, CECIL LEE, JR., 101 GROVER STREET SHELBY 28150 HARVARD	PD AC 62 63 68 704 482-1435
BINION, GERALD RAY 110 W. GROVER STREET SHELBY 28150 U OF TEXAS-SW	OBG AC 62 62 74 704 487-5258	CLONINGER, ROWELL CONNOR 309 WESTFIELD RD. SHELBY 28150 U OF MARYLAND	GS L/RT 44 45 51 704 487-8591	GOSSETT, ROBERT PETER 1001 N. WASHINGTON ST. SHELBY 28150 U TX-SAN ANTONIO	U AC 77 80 83 919 482-2011
BLACKBURN, THOMAS REID PO BOX 1148 SHELBY 28150 BOWMAN GRAY	DR AC 65 65 75 704 487-3141	COLLINS, WARREN JAMES 105 GROVER STREET SHELBY 28150 DUKE	GYN AC 48 57 67 704 482-2486	HAMRICK, JOHN CARL P. O. BOX 668 SHELBY 28150 U OF MARYLAND	GS L 35 35 40 704 487-5132
BOMBENDER, JAMES JOHN ROUTE #3, BOX 774-B CONNELLY SPRINGS 28612 U OF ILLINOIS	PUD/IM AC 73 74 84 704 397-6147	CONDIE, SCOTT DOUGLAS 1198 WYKE ROAD SHELBY 28150 U OF ILLINOIS	FP AC 75 78 82 704 487-1148	HAMRICK, JOHN CARL, JR. 110 W. GROVER STREET SHELBY 28150 BOWMAN GRAY	ORS AC 67 67 76 704 487-1177
BOWLES, RICHARD MORGAN 101 GROVER STREET SHELBY 28150 DUKE	PD AC 52 53 55 704 482-1435	CROW, JOHN BUREN 591 CROW ROAD SHELBY 28150 BOWMAN GRAY	FP AC 48 49 50 704 487-7052	HANNAH, FRANK THOMAS 313 S. WASHINGTON STREET SHELBY 28150 DUKE	OPH AC 64 64 71 704 482-0696
BOWLING, RICHARD FRANKLIN P. O. BOX 638 SHELBY 28150 BOWMAN GRAY	GS AC 53 53 61 704 487-8591	CUENCA, NELIDA ALBA 111 LARAN ROAD JACKSONVILLE 28540 U OF CORDOBA	PD/PH AC 57 57 75 704 937-7905	HARDEMAN, RICHARD AUSTIN 616 E. MARION STREET SHELBY 28150 EMORY U	FP AC 60 60 82 704 487-6338
BOYETTE, DOUGLAS RAY 808 SCHENCK STREET SHELBY 28150 BOWMAN GRAY	CD/IM AC 75 75 80 704 482-1482	DAY, PHILIP MARK 198 LAKESIDE DR. GROVER 28073 MICHIGAN ST U	GP AC 82 83 86 704 937-7905	HARRELL, WARREN LAMAR, JR. 1237 BROOKWOOD DRIVE SHELBY 28150 EMORY U	R AC 58 67 67 704 482-3880
BRIDGES, THOMAS HOWARD P. O. BOX 1706 SHELBY 28150 U OF NC	EM AC 65 65 67 704 487-3134	ELLISON, PAUL STRIBLING, JR. 408-B LEWIS ST. GREENVILLE 27834 EAST CAROLINA U	S 87 00 86 919 482-6217	HARRIS, THOMAS REGINALD 808 SCHENCK STREET SHELBY 28150 U OF TENNESSEE	PUD/IM AC 55 56 57 704 482-1482

23. CLEVELAND COMPONENT SOCIETY (Continued)

HUNTER, JOHN BALDWIN 618 E. MARION STREET SHELBY 28150 NEW YORK U	GS /GP L/RT 28 32 47 704 487-6022	MCMURRAY, CLARENCE MCCAIN 808 SCHENCK STREET SHELBY 28150 BOWMAN GRAY	IM AC 46 46 53 704 482-1482	SARAZEN, PAUL MARK, JR. 101 GROVER STREET SHELBY 28150 DUKE	PD AC 48 50 55 704 482-1435
INJEJIKIAN, JIRAIR ALEXAN 709 GROVER STREET SHELBY 28150 AMER.U OF BEIRUT	TS /GS AC 61 61 70 704 482-8371	MCMURRY, AVERY WILLIS 207 LEE STREET SHELBY 28150 JEFFERSON	GS AC 45 45 51 704 482-6359	SECRET, ALVIN JACKSON, JR. 1001 N. WASHINGTON STREET SHELBY 28150 BOWMAN GRAY	U AC 63 63 71 704 482-2011
JONES, CRAIG S. 4051 GULFSHORE BLVD. N'PH-205 NAPLES, FL 33940 INDIANA U	GS L 36 36 38 813 261-5609	MILAM, WILLIAM FREER PO BOX 1268 SHELBY 28150 OHIO STATE U	PTH AC 66 66 79 704 487-3147	SINCOX, FRANCIS JOHN, JR. PO BOX 1309 KINGS MOUNTAIN 28086 EMORY U	FP AC 58 63 64 704 739-3681
JONES, ROBERT S.,JR.-BOBBY 113 GROVER STREET SHELBY 28150 EAST CAROLINA U	FP AC 81 81 79 704 487-5228	MILLER, DONALD STUART 1405-B N. LAFAYETTE STREET SHELBY 28150 HARVARD	ND /ON AC 62 62 78 704 482-8936	SPRAGINS, JOEL FRED 808 N. SCHENCK STREET SHELBY 28150 U OF ARKANSAS	GE /IM AC 64 64 73 704 482-1482
JONES, ROBERT SPURGEON 113 GROVER STREET SHELBY 28150 U OF NC	FP AC 54 54 55 704 487-5228	MILLER, ROBERT MICHAEL 1198 WYKE ROAD SHELBY 28150 U OF TENNESSEE	FP AC 67 68 76 704 487-1148	STALLINGS, MARTIN WADE 108 EDMONT DR. KINGS MOUNTAIN 28086 U OF ALABAMA	PD AC 69 70 76 704 739-2521
KELLY, JOHNSON HALL 1306 VISTA DRIVE SHELBY 28150 BOWMAN GRAY	U AC 78 78 84 704 482-2011	MINUS, JOSEPH SHEPPARD 101 GROVER STREET SHELBY 28150 DUKE	PD AC 65 65 71 704 482-1435	STIDHAM, GREGORY ALAN 1198 WYKE RD. SHELBY 28150 MED COLL OF VA	FP AC 83 84 86 704 487-1148
KENDALL, BENJAMIN HORTON 315 WESTFIELD RD. SHELBY 28150 U OF MARYLAND	CD L/RT 29 29 31 704 487-7208	MUENCH, LAURENCE WALTER 310 DOWNING DR. KINGS MOUNTAIN 28086 WASHINGTON U	AN AC 62 62 84 704 739-3601	STORY, WILLIAM AUGUSTUS 201 GROVER STREET SHELBY 28150 EMORY U	R /IM AC 58 66 67 704 487-0003
LAMPLEY, CHARLES GORDON, III P. O. BOX 1807 SHELBY 28150 BOWMAN GRAY	OBG AC 62 62 70 704 487-8591	NAMAN, CARL HAWKINS 1200 HARDIN DRIVE SHELBY 28150 MED COLL OF GA	GS /CDS AC 67 68 75 704 482-6359	SURRATT, WILSON FARRIS 507 COUNTRY CLUB ACRES SHELBY 28150 MED COLL OF GA	AN AC 83 85 86 704 482-5716
LANEY, ROBERT GAFFNEY,III 809 N. LAFAYETTE ST. SHELBY 28150 U OF NC	GS AC 81 82 80 704 487-8591	PEARSON, LAWRENCE HAMILTON 809 N. LAFAYETTE ST. SHELBY 28150 U OF NC	D AC 79 80 83 704 484-0464	TOFFOLO, RUDOLF RONALD GOLD RUN CT., RT. 5, BOX 87 KINGS MOUNTAIN 28086 ST U OF NY-BUFF	R AC 57 58 84 704 739-3712
LANGLEY, CHARLES PITMAN, III 808 SCHENCK STREET SHELBY 28150 U OF NC	IM AC 75 76 79 919 482-1482	PENNY, LARUE DAVID, JR. 101 GROVER STREET SHELBY 28150 MED U OF SC	PD AC 73 75 80 704 482-1435	VAN FLEET, WILLIAM VERNON 802 N. LAFAYETTE ST. SHELBY 28150 GEO WASHINGTON U	P /CHP AC 61 65 79 704 482-7395
LEE, JOSEPH, III 711 W. MOUNTAIN STREET KINGS MOUNTAIN 28086 MED U OF SC	FP AC 63 64 65 704 739-5456	PLONK, GEORGE WEBB 902 CRESCENT CIRCLE KINGS MOUNTAIN 28086 JEFFERSON	GS L/RT 44 45 53 704 739-2272	WALKER, JOSEPH EDWARDS EDWARD CLINIC RT. #3, BOX 146 LAWNDALE 28090 DUKE	FP /AI AC 60 62 63 704 538-8616
LUDWIG, GARY KEITH 104 BROOKDALE ROAD SHELBY 28150 U OF MICHIGAN	PTH /FOP AC 72 73 82 704 487-3147	POTTS, JAMES MARTIN 809 N. LAFAYETTE STREET SHELBY 28150 MED COLL OF GA	GS /TS AC 73 73 79 919 487-8591	WASHBURN, HARRILL GENE P. O. BOX 815 BOILING SPRINGS 28017 BOWMAN GRAY	FP AC 58 59 63 704 434-2281
MANGUM, GARY LIONELL 202 E. GROVER ST. SHELBY 28150 BOWMAN GRAY	ORS AC 67 67 78 704 482-7311	POWELL, JESS AVERETTE,III 201 GROVER STREET SHELBY 28150 U OF TENNESSEE	DR AC 73 75 79 704 487-3141	WASHBURN, WILLARD WYAN P. O. BOX 795 BOILING SPRINGS 28017 JEFFERSON	GP /FP L/RT 43 43 47 704 434-7910
MAYBIN, RICHARD MADDEN ROUTE #2 LAWNDALE 28090 MED U OF SC	GP /HYP AC 46 46 52 704 538-8532	REYNOLDS, JOHN LAURENCE 404 MELODY LANE SHELBY 28150 AUTONOMA U	AN AC 80 86 87 704 482-5716	WEDDLE, RICHARD ANDREW 808 SCHENCK ST. SHELBY 28150 INDIANA U	GE /IM AC 81 81 86 704 482-1482
MAYSE, RAY SCOTT 707 W. KING STREET KINGS MOUNTAIN 28086 BOWMAN GRAY	IM AC 76 79 80 704 739-9776	ROBINSON, SAM 106 EDMONT DRIVE KINGS MOUNTAIN 28086 U OF TENNESSEE	GS /TS AC 53 65 66 704 739-4749	WILLIAMS, JACK DEAN 209-B LEE ST. PO BOX 1968 SHELBY 28150 DUKE	OTO AC 65 65 73 704 487-9088
MCGILL, JOHN CHARLES P. O. BOX 392 KINGS MOUNTAIN 28086 VANDERBILT U	FP AC 46 50 52 704 739-3681	RUTLEDGE, JOHN HOYLE, III 105 GROVER ST. SHELBY 28150 U OF KENTUCKY	OBG AC 74 74 86 704 482-2486	ZUCKER, JOSEPH 107 W. KING ST. KINGS MOUNTAIN 28086 DALHOUSIE U	ORS AC 79 80 84 704 739-0151
MCKNIGHT, RODNEY LEONARD P. O. BOX 957 SHELBY 28150 U OF NC	AN AC 55 55 56 704 434-9671				

24. COLUMBUS COMPONENT SOCIETY

OFFICERS—President: Phillip M. Williford, M.D., P.O. Box 1249, Whiteville 28472 (919 642-8157)
Secretary: John D. Hodgson, M.D., P.O. Box 1249, Whiteville 28472

BAREFOOT, WILLIAM FREDERICK P. O. BOX 573 WHITEVILLE 28472 TULANE U	GS L/RT 34 34 35 919 642-3256	BLACK, JOHN RILEY, JR. F. O. BOX 810 WHITEVILLE 28472 DUKE	PH L 38 42 43 919 642-8061	BUNN, DAVID GLENN EAST MAIN STREET WHITEVILLE 28472 U OF MARYLAND	GP AC 47 47 49 919 642-2016
BAUCOM, SANDRA SASSER RT. #7, BOX 34B WHITEVILLE 28472 U OF NC	PD AC 82 83 87 919 642-6244	BULLOCK, THURMAN MONROE, JR. PO BOX 465 CHADBOURN 28431 BOWMAN GRAY	FP /A AC 61 61 63 919 654-5369	CARROLL, FRANCIS MURRAY 104 SEVENTH AVENUE CHADBOURN 28431 BOWMAN GRAY	FP /A AC 55 55 57 919 654-3143

24. COLUMBUS COMPONENT SOCIETY (Continued)

CONRAD, LARRY LEE RR 1, BOX 129-G HALLSBORO 28442 INDIANA U	EM AC 64 64 86	MUKAMAL, RONALD SASSON 333 JEFFERSON STREET WHITEVILLE 28472 ST U OF NY-BUFF	GS /ORS AC 64 65 73	TRAYLOR, HENRY WILLIAM, JR. 805 S. MADISON WHITEVILLE 28472 GEORGETOWN U	IM /EM AC 77 79 83
COTTLE, RONALD WADE 118 E. WALTER ST. WHITEVILLE 28472 U OF NC	FP AC 83 84 86	MUNROE, JOHN FRANCIS BALDWIN WOODS, S.W. P. O. BOX 1249 WHITEVILLE 28472 U OF NC	IM /END AC 60 60 68	WALTERS, HEZEKIAH GROVER, JR. 711 N. THOMPSON STREET WHITEVILLE 28472 U OF MARYLAND	GS AC 48 48 53
DIMITRIUS, ROBIN P. O. BOX 364 WHITEVILLE 28472 EIN SHAMS U	AN AC 66 77 81	PIECH, KENNETH STOWELL 1211 PINKNEY ST. WHITEVILLE 28472 DUKE	919 642-2230 PTH AC 75 78 83	WALTON, GEORGE BRITAIN, JR. P. O. BOX 345 CHADBOURN 28431 DUKE	R /NM AC 56 56 64
DONAYRE, LUIS ERNESTO 144 JEFFERSON STREET WHITEVILLE 28472 SAN MARCOS U	GS /TS AC 59 67 68	SMITH, RONNIE DALE 701 E. FIFTH ST. TABOR CITY 28463 U OF NC	919 642-8011 EM /GP AC 78 79 81	WHEATLEY, SAMUEL NALLY BALDWIN WOODS WHITEVILLE 28472 U OF KENTUCKY	OBG AC 75 76 79
FLOYD, ANDERSON GAYLE 302 N. THOMPSON STREET WHITEVILLE 28472 MED U OF SC	GP L/RT 37 37 39	STANLEY, COVIA LEVANCE 801-E POWELL BLVD. WHITEVILLE 28472 ST U OF NY-BUFF	OBG AC 78 79 83	WILLIAMSON, ROSSIE MARSHALL 3004 WEDGEWOOD DR. CEDAR CREEK VILLAGE N. MYRTLE BEACH, SC 29582 U OF PENN	GP L/RT 37 37 40
GLINSKI, RONALD PETER ROUTE #1, BOX 46A WHITEVILLE 28472 U OF MICHIGAN	U /PTH AC 75 76 81	STOUT, WILLIAM ALLEN P. O. BOX 675 TABOR CITY 28463 BOWMAN GRAY	919 642-6022 FP AC 61 61 63	WILLIFORD, PHILLIP MABON P. O. BOX 1249 WHITEVILLE 28472 U OF NC	803 249-2126 IM AC 81 82 85
GRUBB, STEPHEN DALE PIREWAY RD. PO BOX 675 TABOR CITY 28463 WASHINGTON U	FP AC 75 76 79	THIGPEN, FRONIS RAY 805 S. MADISON STREET WHITEVILLE 28472 U OF NC	919 653-2112 FP /PD AC 76 77 75	WYCHE, JOSEPH THOMAS RT. #7, BOX 30 WHITEVILLE 28472 U OF PENN	919 642-8157 FP L/RT 41 41 48
KINDSCHUH, PETER MICHAEL BALDWIN WOODS WHITEVILLE 28472 LOYOLA U	OBG AC 80 80 85		704 642-6121		919 642-2706

25. CRAVEN-PAMLICO-JONES COMPONENT SOCIETY

OFFICERS—**President:** T. Reed Underhill, M.D., 800 Hospital Dr., New Bern 28560 (919 633-2712)**Secretary:** Kenneth Wilkins, M.D., P.O. Box 2554, New Bern 28560 (919 633-5333)**Executive Secretary:** Helen Harrell, P.O. Box 2157, Craven Co. Hospital, New Bern 28560 (919 633-8607)

AIKEN, HOVEY EUGENE, JR. 707 PROFESSIONAL DRIVE NEW BERN 28560 MED U OF SC	PD AC 56 63 64	BELL, RICHARD ALAN 3804 BUTLER ROAD NEW BERN 28560 U OF NC	PD AC 80 80 84	COOPER, LYLE RAY PO BOX 2685 3 NEW BERN MEDICAL ARTS CTR. NEW BERN 28560 U OF NC	IM AC 80 81 80
AKPELE, IGNATIUS ESE PO BOX 306 NEW BERN 28560 MEHARRY MED COLL	TS /VS AC 77 79 87	BELL, WILLIAM HARRISON, JR. P. O. BOX 2065 NEW BERN 28560 CORNELL U	919 633-2900 DR /NM AC 46 46 53	DAVIDSON, ANDREW 802 MCCARTHY BLVD. NEW BERN 28560 U OF NC	919 638-4023 OPH AC 69 69 76
ARMISTEAD, RAY BAXTER TRIANGLE PLAZA P. O. BOX 1694 NEW BERN 28560 GEORGETOWN U	ORS AC 76 77 80	BENDER, NEIL CARMICHAEL P. O. BOX 68 POLLOCKSVILLE 28573 U OF NC	919 633-5057 IM AC 63 63 68	DAVIS, JUNIUS WEEKS, JR. 201 ABNER NASH ROAD NEW BERN 28560 MED U OF SC	919 633-4183 PD /PH L/RT 46 46 50
ASHFORD, CHARLES H., JR. 800 HOSPITAL DRIVE NEW BERN 28560 JOHNS HOPKINS	AC 62 00 70	BENNETT, JOHN JOE 102 GIBBS ROAD NEW BERN 28560 U OF MARYLAND	919 633-1010 GP /OM AC 60 60 79	DAVIS, MICHAEL LEE EASTERN CAROLINA INT.MED. P. O. BOX 68 POLLOCKSVILLE 28573 WEST VA U	919 633-4121 IM AC 74 75 79
BAGGETT, JOHN ROBERT 702 NEWMAN ROAD MCCARTHY SQUARE NEW BERN 28560 U OF NC	IM AC 56 56 63	BLACKERBY, JAMES 1807 TRYON ROAD NEW BERN 28560 U OF LOUISVILLE	919 637-3424 GP L 32 32 66	DEGRAW, MARTIN CRAWFORD 810 KENNEDY AVE. NEW BERN 28560 BOWMAN GRAY	919 224-4591 FP AC 81 84 79
BALLARD, HARRY HAMPTON 800 HOSPITAL DR. STE. #6 NEW BERN 28560 WEST VA U	GS /CDS AC 71 76 82	BLACKERBY, JAMES NICHOLAS 800 HOSPITAL DR. NEW BERN 28560 U OF LOUISVILLE	919 633-2081 GS AC 56 63 64	DUFFY, CHARLES 607 POLLOCK STREET NEW BERN 28560 JEFFERSON	919 633-1685 FP L 30 30 35
BARDEN, GRAHAM ARTHUR, III 707 PROFESSIONAL DR. NEW BERN 28560 DUKE	PD AC 82 82 79	BLAIR, ROBERT GILLESPIE, JR. P. O. DRAWER 1694 TRIANGLE PLAZA NEW BERN 28560 U OF NC	919 633-4477 ORS AC 70 70 77	DUNN, ERNEST CLINTON, JR. ROUTE #1, #41, TOPSAIL DRIVE ORIENTAL 28571 U OF NC	919 637-2077 GP AC 79 79 79
BARDEN, GRAHAM ARTHUR, JR. 707 PROFESSIONAL DRIVE NEW BERN 28560 DUKE	PD AC 48 48 53	BUFF, SAMUEL JOSEPH P. O. BOX 2065 NEW BERN 28560 DUKE	919 633-5057 DR AC 77 79 83	GAGE, LAWRENCE E. EASTERN CAROLINA IM, PA PO BOX 68 POLLOCKSVILLE 28573 VANDERBILT U	919 249-1061 IM /CD AC 80 81 86
BAREFOOT, VERNA YOUNG 2504 OLD CHERRY POINT ROAD NEW BERN 28560 GEO WASHINGTON U	PH L 50 51 53	BURNETT, JOHN WESLEY, JR. 810 KENNEDY AVE. NEW BERN 28560 MED COLL OF VA	919 633-1678 FP AC 71 71 76	GOODHALL-GUNN, PATRICIA PO BOX 983 NEW BERN 28560 U OF LIVERPOOL	919 224-4591 AN AC 54 55 84
BECKWITH, GEORGE HUGHES PO BOX 2554 702 NEWMAN RD. MCCARTHY SQ. NEW BERN 28560 U OF VIRGINIA	CD /IM AC 71 71 76	BUSTARD, VICTOR WILLIAM 1912 NEUSE BOULEVARD NEW BERN 28560 DALHOUSIE U	919 633-3339 OBG /GYN AC 59 76 78	GOODWIN, BONNIE JEANNE PO BOX 68 POLLOCKSVILLE 28573 DARTMOUTH U	919 633-6117 IM /ON AC 77 83 86
	919 633-4046	CHANCE, JAMES KENNETH 802 MCCARTHY BLVD. NEW BERN 28560 BOWMAN GRAY	919 633-4183		919 633-1010

25. CRAVEN-PAMLICO-JONES COMPONENT SOCIETY (Continued)

GRADY, RICHARD DWIGHT P. O. BOX 2406 707 PROFESSIONAL DR. NEW BERN 28560 U OF NC	OTO /HNS AC 77 77 83 919 638-2666	MAHANEY, JOHN PHILIP, JR. 810 KENNEDY AVE. NEW BERN 28560 MED COLL OF VA	FP AC 71 74 76 919 633-1678	POCOCK, DONALD ANDREW 5003 TRENT WOODS DRIVE NEW BERN 28560 CASE WESTERN RES	IM /ID AC 73 74 81 919 633-1010
GRECO, PETER PAUL P. O. BOX 2908 1914 NEUSE BLVD. NEW BERN 28561 MED SCH-UMDNJ	D AC 67 68 74 919 633-1817	MAIER, RUDOLPH JOSEPH 721 PROFESSIONAL DR. NEW BERN 28560 LOYOLA U	N AC 63 63 85 919 633-3744	PRESTON, RONALD ALLYN P. O. BOX 68 POLLOCKSVILLE 28573 MED COLL OF VA	IM AC 70 70 76 919 633-1010
GREWAL, SATPAL KAUR CRAVEN COUNTY HOSPITAL PO BOX 5117 NEW BERN 28560 M C OF AMRITSAR	TR AC 63 76 82 919 633-8730	MANLEY, JAMES JOSEPH P. O. BOX 2585 705 PROFESSIONAL DR. NEW BERN 28561 MED SCH-UMDNJ	FP /EM AC 78 80 84 919 637-6194	RAWLS, WILLIAM 801 MCCARTHY BLVD. NEW BERN 28560 U OF NC	OBG AC 66 66 72 919 633-3942
GRICE, ORMOND DREW 800 HOSPITAL DR. STE. #6 NEW BERN 28560 U OF NC	GS AC 67 67 77 919 633-3557	MARTIN, DENNIS KEITH 903 PINETREE DRIVE NEW BERN 28560 U OF NC	OBG AC 78 78 78 919 633-4005	REED, JAMES CROFT P. O. BOX 2065 NEW BERN 28560 U OF MIAMI	R AC 68 75 80 919 633-5057
HAHN, MICHAEL WAYNE 801 MCCARTHY BLVD. NEW BERN 28560 LA STATE U	OBG AC 82 82 86 919 633-3942	MAY, RONALD BRUCE CRAVEN COUNTY HOSPITAL P. O. BOX 1390 NEW BERN 28560 U OF PENN	PD /HEM AC 73 74 84 919 633-4121	REIDA, RONALD JACK 4514 GREENVIEW RD. NEW BERN 28560 U OF KANSAS	EM /PD AC 67 67 84 919 637-4016
HALL, WILLIAM JAMES, JR. P. O. BOX 2406 NEW BERN 28560 U OF LOUISVILLE	OTO AC 77 80 83 919 638-2666	MCNEILL, MARY DAVIS P. O. BOX 719 HAVELOCK 28532 LA STATE U	FP /PD AC 56 59 64 919 447-3613	RICHARDSON, ERNEST C., JR. 4001 TRENT PINES DR. NEW BERN 28560 JEFFERSON	GYN /OBS L 43 43 48 919 633-3942
HAMMOND, ALFRED FRANKLIN, JR. 1514 TRENT BOULEVARD NEW BERN 28560 JEFFERSON	GP L/RT 34 34 37 919 637-6066	MCQUADE, JOHN FRANCIS, III 4511 GLOUCESTER DRIVE NEW BERN 28560 YALE	CD AC 73 75 78 919 633-1010	SCHIESS, ROBERT JOHN, III 2713 NEUSE BOULEVARD NEW BERN 28560 BOWMAN GRAY	NS AC 78 80 84 919 633-6070
HILLER, CARL JULIEN P. O. DRAWER 1694 NEW BERN 28560 MED U OF SC	ORS AC 62 62 69 919 633-3256	MILLNS, DALE THOMAS 800 HOSPITAL DRIVE NEW BERN 28560 CASE WESTERN RES	U AC 46 53 53 919 633-2712	SCHNEE, CHARLES FREDERICK 290 SHORELINE DRIVE NEW BERN 28560 MCGILL U	GS /FP AS 34 34 81 919 638-2962
HOLMES, ROBERT PEEL, III 702 NEWMAN ROAD MCCARTHY SQUARE NEW BERN 28560 U OF NC	IM AC 56 56 63 919 633-5333	MOELLER, GARLAND RADFORD P. O. BOX 68 POLLOCKSVILLE 28573 DUKE	RHU /IM AC 77 78 83 919 224-4591	SINNING, MARK ALAN 800 HOSPITAL DR. NEW BERN 28560 U OF KANSAS	TS /CDS AC 78 79 87 919 638-8118
HOLYK, PETER ROMAN 1916 S. GLENBURNIE RD. NEW BERN 28560 TUFTS U	OPH AC 78 79 83 919 638-1332	MOELLER, MARK BOLTON P. O. BOX 68 POLLOCKSVILLE 28573 DARTMOUTH U	ID /IM AC 77 81 82 919 633-1010	STONE, HARRY BENJAMIN, III 709 PROFESSIONAL DR. PO BOX 2406 NEW BERN 28560 DUKE	OTO /A AC 65 65 73 919 638-2666
HORNBAKE, EARL RODNEY, III 1700 ST. DELIGHT CHURCH RD. NEW BERN 28560 U OF PITTSBURGH	IM AC 76 77 79 919 633-0363	MOELLER, WENDY PAULSON P. O. BOX 68 POLLOCKSVILLE 28573 DUKE	GE /IM AC 77 78 83 919 633-1010	TAYLOR, JOHN COTTEN, JR. P. O. DRAWER 2604 MEDICAL ARTS CENTER NEW BERN 28560 U OF NC	ORS AC 60 60 66 919 633-1635
HUDSON, RICHARD WOODARD PO BOX 729 BAYBORO 28515 U OF NC	FP AC 61 61 64 919 745-3191	MOORE, RONALD ALVIN 702 NEWMAN ROAD MCCARTHY SQUARE NEW BERN 28560 U OF NC	IM /ON AC 72 72 76 919 633-5333	TINGA, JOHN HINNES 903 PINE TREE DRIVE NEW BERN 28560 BOWMAN GRAY	OBG AC 75 75 81 919 633-4005
HUNT, WILLIAM BRYCE, JR. P. O. BOX 2157 NEW BERN 28560 BOWMAN GRAY	PUD /IM AC 53 53 76 919 633-8608	MORGAN, RICHARD EARL 5211 TRENTWOODS DR. NEW BERN 28560 BOWMAN GRAY	GS AC 73 73 78 919 633-2081	TRULUCK, THOMAS BRIAN 903 PINE TREE DRIVE NEW BERN 28560 MED U OF SC	OBG AC 75 75 81 919 633-4005
JACKSON, DONALD CHARLES P. O. BOX 2065 NEW BERN 28560 SHEFFIELD U	R AC 54 55 73 919 633-5057	MYERS, JOSEPH S. 157 MALLARD LANE DAYTONA BEACH, FL 32019 M C OF WISCONSIN	GS AC 57 58 86 919 633-5333	UNDERHILL, THURLOW REED 800 HOSPITAL DRIVE, STE. #4 NEW BERN 28560 U OF NC	U AC 70 70 78 919 633-2712
JOYNER, RONNIE STEPHEN 3631 WEDGEWOOD DRIVE NEW BERN 28560 U OF NC	OBG AC 76 76 81 919 633-3942	NASHICK, GEORGE HENRY PO BOX 729 BAYBORO 28515 U OF CONNECTICUT	GP AC 75 75 76 919 633-1616	VANDERSEA, HAROLD MARK 800 HOSPITAL DRIVE NEW BERN 28560 ST U OF NY-BUFF	ORS AC 70 71 78 919 638-8113
KING, FRANCIS PARKER 210 WILSON POINT NEW BERN 28560 HARVARD	IM RT 46 46 53 919 637-5411	O'DONNELL, ROBERT WILLIAM 2407 GRACE AVE. PO BOX 2587 NEW BERN 28560 U OF MARYLAND	P AC 74 77 87 919 633-4171	WARREN, JOSEPH BENJAMIN 203 PINE ROAD NEW BERN 28560 DUKE	GP AC 51 52 54 919 637-5888
KUNKEL, COOPER DAVE, III 802 MCCARTHY BLVD. NEW BERN 28560 U OF VIRGINIA	OPH AC 56 62 65 919 633-4183	OLIVER, DAVID CLARK 702 NEWMAN RD. MCCARTHY SQUARE NEW BERN 28560 BOWMAN GRAY	CD /IM AC 74 74 78 919 633-5333	WERTMAN, MARK GRAHAM PO DRAWER 1694 TRIANGLE PLAZA NEW BERN 28560 WEST VA U	ORS AC 80 81 85 919 637-4477
LITTLE, HENRY REECE, JR. 800 HOSPITAL DRIVE NEW BERN 28560 MED COLL OF VA	FP L/RT 51 53 53 919 637-6118	OVERBY, JOSEPH RANDAL, JR. 810 KENNEDY AVE. P. O. BOX 5409 NEW BERN 28560 BOWMAN GRAY	FP AC 71 71 76 919 633-1678	WILFONG, ROBERT FARRINGTON 2713 NEUSE BLVD. NEW BERN 28560 DUKE	NS AC 67 67 76 919 633-6070
LITTLE, SUZANNE BROWN 800 HOSPITAL DRIVE NEW BERN 28560 MED COLL OF VA	IM /CD AC 49 53 53 919 637-6118	PARKER, CHARLES LAWRENCE 801 MCCARTHY BLVD. NEW BERN 28560 INDIANA U	OBG /GYN AC 73 73 76 919 633-3942	WILKINS, KENNETH WORTH, JR. 702 NEWMAN ROAD MCCARTHY SQUARE NEW BERN 28560 U OF NC	IM AC 80 81 84 919 633-5333
MACDONALD, HENRY JOHN, JR. PO BOX 2406 707 PROFESSIONAL DR. NEW BERN 28560 U OF NC	OTO AC 69 69 75 919 633-5333			WINTERS, RICHARD RIZER WALKER 1425 GLENBURNIE RD. NEW BERN 28560 ST LOUIS U	PS AC 70 70 86 919 637-6800

26. CUMBERLAND COMPONENT SOCIETY

OFFICERS—**President:** Roy A. Weaver, M.D., 432 Brightwood Dr., Fayetteville 28303 (919 323-6149)**Secretary:** Gerald L. Ellison, M.D., 495 Rayconda, Fayetteville 28304 (919 483-7400)

ALLEYNE, GRANT LIVINGSTONE P. O. BOX 64838 FAYETTEVILLE 28306 U OF WEST INDIES	OBG AC 70 74 77 919 323-2767	CLARK, FRANKLIN ST. CLAIR 1790 METROMEDICAL DRIVE FAYETTEVILLE 28304 U OF NC	GS/CDS AC 73 73 79 919 323-2626	GIMESH, JOHN SIGMUND 3415-C MELROSE ROAD FAYETTEVILLE 28304 U OF BUDAPEST	PD AC 54 61 82 919 484-8163
ATASSI, INAD BADREDDIN 101 ROBESON ST. STE. 410 FAYETTEVILLE 28301 DAMASCUS U	NS AC 72 75 81 919 483-5050	CLARK, LOUIS PHILLIP, JR. 225 TIMBERLAKE DR. FAYETTEVILLE 28304 MEHARRY MED COLL	HS/ORS AC 70 71 84 919 484-2171	GINN, FRED LEGRAY CAPE FEAR VALLEY HOSPITAL FAYETTEVILLE 28302 DUKE	PTH AC 62 66 78 919 323-6149
AUL, CHRISTOPHER TAYLOR 4092 PROFESSIONAL DR. HOPE MILLS 28348 WASHINGTON U	FP AC 77 80 85 919 424-0123	COOK, WILLIAM EUGENE 115 S. CHURCHILL DRIVE FAYETTEVILLE 28303 WASHINGTON U	FP/PUD L/RT 30 30 34 919 484-5321	GODWIN, HAROLD LACY 1601-B OWEN DRIVE FAYETTEVILLE 28304 HARVARD	IM AC 47 47 53 919 323-1152
BAGGETT, JOSEPH WOODROW P. O. BOX 53514 FAYETTEVILLE 28305 U OF MARYLAND	OBG L 45 45 51 919 485-1191	COPELAND, GARY BENJAMIN 1629 OWEN DRIVE FAYETTEVILLE 28304 BOWMAN GRAY	OPH AC 60 60 67 919 484-6141	GOMEZ, RAUL FERNANDO P. O. BOX 40237 FAYETTEVILLE 28304 U OF CALDAS	P AC 67 67 74 919 484-9634
BARRY, WILLIAM 3322 MELROSE ROAD FAYETTEVILLE 28304 U OF NC	EM/FP AC 56 56 57 919 323-5880	CRUMMIE, ROBERT GWINN 6245 CLIFFDALE ROAD FAYETTEVILLE 28304 DUKE	P AC 65 64 69 919 868-4816	GRAFF, LOUIS GEORGE 2306 ROLLING HILL FAYETTEVILLE 28304 JEFFERSON	AN AC 52 52 78 919 323-6061
BATTEN, HUBERT ELMORE CAPE FEAR VALLEY HOSPITAL FAYETTEVILLE 28302 MED COLL OF VA	R AC 51 53 53 919 323-2012	DALY, LIAM N. 1262 OLIVER ST. FAYETTEVILLE 28304 U OF DUBLIN	P AC 60 67 69 919 484-5151	HAIR, GLENN EDGAR 3314 MELROSE ROAD FAYETTEVILLE 28304 U OF NC	OT/OTO AC 59 59 65 919 323-1463
BECKHAM, DAVID ROBERTSON 1762 METROMEDICAL DR. FAYETTEVILLE 28302 MED U OF SC	AN AC 62 68 69 919 323-5491	DANIEL, CROWELL TURNER, JR. 1641 OWEN DRIVE FAYETTEVILLE 28304 MED COLL OF VA	OBG AC 48 48 59 919 484-6474	HAITHCOCK, WILLIAM DANA, JR. 1219 WALTER REED ROAD FAYETTEVILLE 28304 MED U OF SC	OBG AC 73 77 80 919 323-2103
BEYER, ALFRED JAMES 521 BEAUMONT ROAD FAYETTEVILLE 28304 CASE WESTERN RES	GS AC 67 67 82 919 483-5031	DRAKE, DAVID EWING P. O. BOX 3654 FAYETTEVILLE 28305 DUKE	FP AC 51 52 56 919 485-3078	HALL, JAMES SAMUEL 3415-C MELROSE ROAD FAYETTEVILLE 28304 DUKE	PD AC 57 57 62 919 484-8163
BEYER, CATHERINE HERLIHY 1213 WALTER REED ROAD FAYETTEVILLE 28305 CASE WESTERN RES	PD AC 67 67 85	ELLENBOGEN, CHARLES 1601-B OWEN DRIVE FAYETTEVILLE 28304 U OF CHICAGO	IM/ID AC 64 69 81 919 323-1152	HARDISON, JOE WILLIAM 1320 MEDICAL DRIVE FAYETTEVILLE 28304 U OF NC	OBG/GE AC 65 65 72 919 323-3301
BINDER, GEORGE ARTHUR 401 LAKESHORE DR. FAYETTEVILLE 28305 U OF ILLINOIS	DR AC 73 74 84 919 484-4028	ELLISON, GERALD LYNN 495 RAYCONDA FAYETTEVILLE 28304 GEO WASHINGTON U	DR AC 65 65 73 919 483-7400	HARDISON, LEWIS BENJAMIN P. O. BOX 64369 FAYETTEVILLE 28306 BOWMAN GRAY	FP AC 52 52 56 919 323-0085
BLACKBURN, ROBERT ALFRED 1262 OLIVER ST. FAYETTEVILLE 28304 INDIANA U	OTO/P AC 66 66 83 919 485-7181	EWING, JOHN ALEXANDER 1262 OLIVER ST. FAYETTEVILLE 28304 U OF EDINBURGH	P AC 46 52 55 919 484-5151	HARMON, PERRY MONROE 1811 LAKESHORE DR. FAYETTEVILLE 28305 U OF NC	OBG AC 74 75 82 919 484-3271
BLACKWELL, BRUCE WAYNE 1601-B OWEN DR. FAYETTEVILLE 28304 OHIO STATE U	FP AC 80 82 85 919 323-1152	FABIAN, DENIS 503 OWEN DR. PO BOX 64517 FAYETTEVILLE 28306 LONDON U	PS/GS AC 36 36 76 919 483-8121	HARRIS, LARRY COLEMAN P. O. BOX 40405 FAYETTEVILLE 28309 DUKE	PD AC 77 78 81 919 323-4281
BLUE, JOHN FREDERICK, JR. 4092 PROFESSIONAL DR. HOPE MILLS 28348 GEO WASHINGTON U	FP AC 78 79 84 919 424-0123	FLEISHMAN, MALCOLM P. O. BOX 35126 FAYETTEVILLE 28303 U OF NC	IM/CD AC 54 54 59 919 484-0144	HARTNESS, ALVIN HUNTER 514 OWEN DRIVE FAYETTEVILLE 28304 BOWMAN GRAY	PD AC 65 65 76 919 323-4571
BODNAR, TIMOTHY J. 310 THORNCLIFF DR. FAYETTEVILLE 28303 PENN STATE U	EM AC 77 78 86 919 323-6167	FLEISHMAN, STEPHEN BAER 1285 OLIVER STREET FAYETTEVILLE 28304 U OF MARYLAND	P/CHP AC 74 76 76 919 484-4171	HAYES, BENNETT ALLEN, JR. 1219 WALTER REED ROAD FAYETTEVILLE 28304 U OF NC	OBG AC 57 57 65 919 323-2103
BRIGGS, JOHN GLENN, JR. 1782 METRO MEDICAL DR. FAYETTEVILLE 28304 U OF NC	PS AC 69 69 78 919 323-1203	GARBER, EDGAR CLYDE, JR. 1641 OWEN DRIVE FAYETTEVILLE 28304 MED COLL OF VA	GYN AC 44 47 50 919 484-6474	HENLEY, DOUGLAS EUGENE 4092 PROFESSIONAL DR. HOPE MILLS 28348 U OF NC	FP AC 77 77 79 919 424-0123
BRYAN, JOHN HUGH DEPT OF RADIATION THERAPY BOX 41208, CAPE FEAR MED. CTR. FAYETTEVILLE 28304 U OF NC	TR/HEM AC 69 69 83 919 323-6690	GARDNER, FRANCIS SIDNEY, JR. 1219 WALTER REED ROAD FAYETTEVILLE 28304 U OF MARYLAND	OBG AC 51 51 61 919 323-2103	HENLEY, JOHN T., JR. 3314 MELROSE RD., STE. 100 FAYETTEVILLE 28304 U OF NC	OTO AC 72 72 81 919 323-1463
BUTLER, CAREY JONES 516 OWEN DRIVE FAYETTEVILLE 28304 MED COLL OF VA	OTO AC 52 52 54 919 485-6101	GARISON, GARY BROWN 3423-A MELROSE ROAD FAYETTEVILLE 28304 TEMPLE U	CD/IM AC 62 62 71 919 484-6154	HENSCHEN, HAL 2515 MORGANTON RD. FAYETTEVILLE 28303 EMORY U	GS AC 44 67 67 919 485-8751
CAMPBELL, FRANK HIGHSMITH P. O. BOX 53651 FAYETTEVILLE 28305 DUKE	GS/TS AC 46 50 56 919 485-6161	GASKINS, RAYMOND ALBERT, JR. 126 THORNCLIFF FAYETTEVILLE 28303 U OF NC	FP/OM AC 75 75 82 919 323-3183	HIGHSMITH, WILLIAM COCHRAN 410 DRUMHELLER ROAD CLEMMONS 27012 U OF CINCINNATI	IM L/RT 31 30 32 919 766-9905
CHAUDHURI, DEBI PRASAD 1617 OWEN DRIVE FAYETTEVILLE 28304 NILRATAN COLL	GS AC 62 71 77 919 323-0101	GILBERT, DAVID BRANSON 1756 METROMEDICAL DRIVE FAYETTEVILLE 28304 U OF COLORADO	CD/IM AC 65 65 81 919 323-1322	HINES, MICHELE L. A. PO BOX 2324 FAYETTEVILLE 28302 U OF NC	R AC 79 80 87 919 483-4938
CISZEC, THOMAS ARTHUR PO BOX 2000 FAYETTEVILLE 28302 ST LOUIS U	NPM/PD AC 77 78 86 919 323-6762	GILBERT, STANLEY KEITH, JR. 1300 MEDICAL DRIVE FAYETTEVILLE 28304 U OF VIRGINIA	ORS/HS AC 75 78 82 919 484-2171	HOFFMAN, CHARLES ANTHONY, JR. 513 OWEN DRIVE FAYETTEVILLE 28304 MED COLL OF VA	U AC 54 55 66 919 485-8801

26. CUMBERLAND COMPONENT SOCIETY (Continued)

HOFFMAN, EDNA TERESA MAURA 348 VALLEY ROAD FAYETTEVILLE 28305 MED COLL OF VA	OBG AC 54 54 73 919 485-4755	LOGUE, STEPHEN STUART 1766 METROMEDICAL DR. FAYETTEVILLE 28304 U OF NC	IM AC 79 82 84 919 483-8080	MORESS, RALPH LOUIS P. O. BOX 2068 FAYETTEVILLE 28302 CORNELL U	P AC 59 60 75 919 323-0601
HOWLER, WILLIAM EDWARD, JR. 1778 METROMEDICAL DRIVE FAYETTEVILLE 28304 MED U OF SC	GE AC 70 73 77 919 323-5203	LOHAVICHAN, CHOOMSANG PO BOX 42736 FAYETTEVILLE 28304 SIRIRAJ HOSP U	NEP /IM AC 65 65 74 919 323-1315	MORRISON, ROBERT HOLCOMBE 331 FAIRFIELD RD. FAYETTEVILLE 28303 U OF VIRGINIA	OBG L/RT 44 44 55 919 867-1044
HURDLE, THOMAS GRAY 1786 METROMEDICAL DR. FAYETTEVILLE 28304 MED COLL OF VA	U AC 45 45 55 919 485-8151	LOHAVICHAN, VIRAT P. O. BOX 64277 FAYETTEVILLE 28306 SIRIRAJ HOSP U	CD /IM AC 63 64 73 919 323-1315	NEWMAN, WILLIAM HAROLD 3427 MELROSE ROAD FAYETTEVILLE 28304 BOWMAN GRAY	GS /TS AC 56 56 65 919 484-4106
IZURIETA, HENRY 514 BEAUMONT ROAD FAYETTEVILLE 28304 U OF MADRID	IM AC 61 71 72 919 485-8831	LOUGHLIN, HOWARD HOPKINS 1213 WALTER REED ROAD FAYETTEVILLE 28304 U OF PENN	PD AC 70 74 76 919 484-6121	PANTELAKOS, CONSTANTINE G. 1653 OWEN DRIVE FAYETTEVILLE 28304 DUKE	OTO AC 57 57 64 919 484-5108
JIAMACHELLO, NICHOLAS 307 SYLVAN ROAD FAYETTEVILLE 28305 U OF PENN	OBG RT 58 58 71 919 485-8729	LUTMAN, GEORGE BENTON P. O. BOX 2000 FAYETTEVILLE 28302 U OF MISSOURI	PTH AC 64 64 74 919 323-6149	PARFITT, HENRY E., JR. 1786 METROMEDICAL DR. FAYETTEVILLE 28303 U OF NC	U AC 75 76 83 919 485-8151
JOHNSEN, LYNN 524 BEAUMONT ROAD FAYETTEVILLE 28304 U OF WISCONSIN	IM L 43 48 49 919 484-6080	MACRAE, JOHN DONALD 700 MEASE PLAZA, APT. 850 DUNEDIN, FL 33528 U OF PENN	R L/RT 27 28 30 813 733-1161	PATOW, WARREN EDWARD 1601-B OWEN DR. FAYETTEVILLE 28304 M C OF WISCONSIN	OBG AC 47 48 85 919 323-1152
JOHNSON, JAMES ERWIN 3308 MELROSE ROAD FAYETTEVILLE 28304 U OF MINN	ORS AC 69 70 79 919 484-4874	MARCOTTE, DAVID BACON 1262 OLIVER ST. FAYETTEVILLE 28304 CORNELL U	P AC 63 63 82 919 484-5151	PAUL, FRANKLIN ARTHUR 6834 TOWBRIDGE ROAD FAYETTEVILLE 28306 HAHNEMANN	GS AC 58 59 84 919 599-3346
JONES, J. WESLEY 1314 MEDICAL DR., STE. 102 FAYETTEVILLE 28304 DUKE	GE /IM AC 76 76 84 919 323-2477	MAY, CHARLES RAYSOR, III 2345 ROLLING HILL RD. FAYETTEVILLE 28304 MED U OF SC	AN AC 62 62 84 919 323-5491	PENNINK, MENNO 3314 MELROSE RD. STE. 103 FAYETTEVILLE 28304 U OF AMSTERDAM	NS AC 67 74 75 919 323-0475
JORDAN, WELDON HUSKE 114 BROADFOOT AVENUE FAYETTEVILLE 28305 HARVARD	IM AC 47 47 55 919 484-3261	MCALISTER, LINDA THERESA PO BOX 53514 FAYETTEVILLE 28305 U OF CALIFORNIA	OBG AC 78 80 85 919 485-1191	POLLARD, JOHN CHRISTOPHER 1213 WALTER REED DRIVE FAYETTEVILLE 28304 U OF VIRGINIA	PD AC 68 68 75 919 484-6121
JORDAN, WILLIAM RAND 1786 METROMEDICAL DRIVE FAYETTEVILLE 28304 U OF NC	U AC 70 70 79 919 485-8151	MCCUTCHEN, THOMAS M., JR. 1213 WALTER REED ROAD FAYETTEVILLE 28304 VANDERBILT U	PD AC 63 68 69 919 484-6121	POWELL, WILLIAM CARLYLE P. O. BOX 53127 FAYETTEVILLE 28305 BOWMAN GRAY	PD AC 52 52 58 919 484-3121
KEENEY, GLENWARD THOMAS 1219 WALTER REED ROAD FAYETTEVILLE 28304 MED COLL OF VA	OBG AC 67 67 77 919 323-2103	MCDANIEL, JACK PASCHAL 1320 MEDICAL DRIVE FAYETTEVILLE 28304 U OF NC	OBG AC 56 56 64 919 323-3301	RAMPULLA, ELLIOT JOHN 1762 METROMEDICAL DRIVE P. O. BOX 64405 FAYETTEVILLE 28306 BOWMAN GRAY	AN AC 72 72 82 919 323-5491
KERANEN, VICTOR JOSEPH 3314 MELROSE ROAD, SUITE 104 FAYETTEVILLE 28304 DUKE	NS AC 64 64 71 919 484-9802	MCFADYEN, OSCAR LEE, JR. 524 VALLEY ROAD FAYETTEVILLE 28305 DUKE	IM L/RT 40 41 42 919 484-0221	RITCHIE, JOHN PHILLIP 6816 UPPINGHAM ROAD FAYETTEVILLE 28306 U OF OREGON	OPH AC 65 65 77 919 484-6141
KILGORE, LARRY CHARLES 1430 BERKSHIRE RD. FAYETTEVILLE 28304 U OF ARKANSAS	FP AC 81 81 82 919 484-8058	MCLESTER, WILLIAM DUMAS 597 OLIVER STREET FAYETTEVILLE 28304 U OF NC	OPH /PTH AC 65 65 71 919 323-2002	RIVERS, RUEBEN NORMAN 1738 METROMEDICAL DRIVE FAYETTEVILLE 28304 DUKE	IM AC 78 82 84 919 323-2503
KIM, SARAH 1317 MEDICAL DR. STE. #3 FAYETTEVILLE 28304 LOMA LINDA U	AI AC 50 50 82 919 323-3890	MEEK, JOE BERNARD 1300 MEDICAL DRIVE FAYETTEVILLE 28304 MED U OF SC	ORS AC 64 64 73 919 484-2171	ROBERTS, JOYLE ARLEN 509 EDINBURGH FAYETTEVILLE 28303 U OF LOUISVILLE	ON AC 66 67 84 919 485-2732
KIM, WILLIAM NO CHUN 1317 MEDICAL DR. STE. #3 FAYETTEVILLE 28304 LOMA LINDA U	OBG /OM AC 52 52 82 919 323-3890	MEHTA, HASUMATI VIJAYKUMAR 1611 OWEN DR. FAYETTEVILLE 28304 U OF BOMBAY	FP /OBG AC 69 75 75 919 323-4091	ROBERTSON, JOHN NEWTON P. O. BOX 30 FAYETTEVILLE 28303 MED COLL OF VA	OPH L/RT 23 23 23 919 485-2732
KURTEN, LOUIS JOHN 2826 MILLBROOK RD. FAYETTEVILLE 28303 NORTHWESTERN U	IM /CD RT 40 40 72 919 484-8058	MEHTA, VIJAYKUMAR B. 1611 OWEN DR. FAYETTEVILLE 28304 BARODA U	HEM /ON AC 57 71 75 919 323-4091	ROCHMAN, STEPHEN CHARLES 513 OWEN DRIVE FAYETTEVILLE 28304 MEHARRY MED COLL	U AC 70 71 78 919 485-8801
LANGLEY, JOHN RICHARD 1317 MEDICAL DR. STE. #2 FAYETTEVILLE 28304 MED U OF SC	GS AC 68 68 87 919 483-2646	MEYMANI, ASSAD 1212 WALTER REED ROAD FAYETTEVILLE 28304 GEO WASHINGTON U	P /N AC 62 66 67 919 485-6166	ROOT, JAMES HAROLD, JR. PO BOX 367 KILMARNOCK, VA 22482 SYRACUSE	PD AC 43 46 82 919 484-6141
LARSEN, LARS CHRISTIAN 1601 OWEN DRIVE FAYETTEVILLE 28304 SYRACUSE	FP AC 73 74 84 919 323-1152	MILLER, DUDLEY 150 ROBESON STREET FAYETTEVILLE 28301 U OF MISSOURI	AC 59 59 70 919 483-3156	ROTHSTEIN, MANFRED SHELDON 1308 MEDICAL DRIVE FAYETTEVILLE 28304 DUKE	D AC 74 75 77 919 323-2227
LEMASTER, PIERRE CLIFFORD 1291 OLIVER STREET FAYETTEVILLE 28304 U OF FLORIDA	PD AC 71 75 78 919 483-2646	MILLER, HORACE WILLIAM, JR. 1766 METROMEDICAL DR. FAYETTEVILLE 28304 BOWMAN GRAY	IM /CD AC 51 51 53 919 483-7090	SALIBA, CONSTANTIN 3318 MELROSE ROAD FAYETTEVILLE 28304 U OF ST JOSEPH	GS AC 50 50 71 919 323-0280
LEVI, GEORGE ALBERT 1629 OWEN DRIVE FAYETTEVILLE 28304 MED U OF SC	OPH L 50 50 58 919 484-6144	MILLER, WILLIAM CAREY, JR. 1653 BANBURY DRIVE FAYETTEVILLE 28304 MED U OF SC	R AC 58 58 69 919 484-6881	SAPPENFIELD, LUTHER COOK, JR. 1629 OWEN DRIVE FAYETTEVILLE 28304 DUKE	OPH AC 57 57 65 919 484-6141
LOGEL, ROBERT JOHN 3308 MELROSE ROAD FAYETTEVILLE 28305 U OF MISSOURI	ORS AC 72 72 77 919 484-3114	MOELLER, ARLYN MCCLAY 118 POMPTON DRIVE FAYETTEVILLE 28304 U OF IOWA	FP AC 56 56 83 919 424-6104	SATTLER, RAYMOND LOUIS 3314 MELROSE RD., APT. 104 FAYETTEVILLE 28304 CASE WESTERN RES	NS AC 77 77 83 919 738-7146

26. CUMBERLAND COMPONENT SOCIETY (Continued)

SHAW, FRANK STEDMAN P. O. BOX 53127 FAYETTEVILLE 28305 U OF PENN	PD /PDA AC 59 59 66	STEWART, DAVID DUBOSE 114 BROADFOOT AVE. FAYETTEVILLE 28305 MED U OF SC	IM AC 82 82 85	WELLS, CHARLES LEWIS CAPE FEAR VALLEY MED. CTR. PO BOX 2000 FAYETTEVILLE 28302 U OF PITTSBURGH	PTH AC 59 60 70
†SHAW, JOHN ALEXANDER 5948 BRAGG BOULEVARD DECEASED - 3-23-87 FAYETTEVILLE 28305 U OF PENN	PD L 23 23 26	STITT, VAN JUNIUS, JR. 1601 OWEN DRIVE FAYETTEVILLE 28304 U OF NC	FP /GER AC 75 75 81	WETTER, JAMES MICHAEL 1601-B OWEN DRIVE FAYETTEVILLE 28306 ST U OF NY-BUFF	FP AC 74 78 79
SHEN, SUNG FAN 2414 HOPE MILLS ROAD FAYETTEVILLE 28304 TAIWAN U-TAIPEI	FP AC 66 72 78	STOWE, FRED REECE, JR. 3314 MELROSE RD., STE. 102 FAYETTEVILLE 28304 U OF NC	N /CHN AC 58 58 77	WHETSELL, DOUGLAS WAYNE 1756 METROMEDICAL DR. FAYETTEVILLE 28304 MED U OF SC	IM /PUD AC 68 68 85
SHEREFF, RICHARD HENRY 139 HUNTER CIRCLE FAYETTEVILLE 28304 U OF TENNESSEE	D /A AC 70 71 78	TRAN, LUCAS VAN 101 ROBESON ST. STE. 410 FAYETTEVILLE 28301 SAIGON U	N AC 76 83 86	WILLIS, ROBERT FREDERICK 204 S. MAIN STREET HOPE MILL 28348 MED COLL OF VA	FP AC 51 52 52
SIEWERS, CHRISTIAN FOGLE S.E. REGIONAL REHAB. P. O. BOX 2000 FAYETTEVILLE 28302 MED COLL OF VA	ORS /PM AC 44 50 50	VIETA, PAUL ANTHONY 911 HAY ST. PO BOX 53514 FAYETTEVILLE 28305 MED SCH-UMDNJ	OBG AC 66 67 76	WITHERS, LARRY DALE 150 ELLERSLIE DR. FAYETTEVILLE 28303 EMORY U	AN AC 77 79 81
SNIPES, RICHARD DEAN P. O. BOX 53514 FAYETTEVILLE 28305 DUKE	OBS AC 42 45 46	WAHBEH, CAMILLE JAMIL 1601-B OWEN DRIVE FAYETTEVILLE 28304 AMER.U OF BEIRUT	OBG AC 77 81 84	WOODWORTH, THOMAS BELL 1657 OWEN DRIVE FAYETTEVILLE 28304 U OF MICHIGAN	FP AC 69 71 75
SNYDER, NORMAN IRWIN 1262 OLIVER ST. FAYETTEVILLE 28304 WAYNE STATE U	P /CHP AC 72 73 85	WALLS, BERTRAM EMMANUEL 1774 METROMEDICAL DRIVE FAYETTEVILLE 28304 DUKE	OBG AC 76 76 82	WORDEN, NEIL ASHTON 116 ROWAN STREET FAYETTEVILLE 28301 U OF LOUISVILLE	FP AC 51 51 55
STAPLETON, SYDNEY SCOTT 101 ROBESON ST., STE. 407 FAYETTEVILLE 28301 U OF NC	OPH AC 80 81 84	WARREN, HAROLD DRAPER 2333 ROLLING HILLS ROAD FAYETTEVILLE 28304 MCGILL U	IM AC 37 40 79	WRIGHT, EUGENE EDWARD, JR. 1738 METROMEDICAL DR. FAYETTEVILLE 28304 DUKE	IM AC 78 79 82
STEFFES, BRUCE CARL 1790 METROMEDICAL DR. FAYETTEVILLE 28304 U OF MICHIGAN	GS AC 76 78 83	WEAVER, ROY ALBERT CAPE FEAR HOSPITAL PO BOX 2000 FAYETTEVILLE 28302 U OF NC	PTH AC 63 63 71	ZELLNER, ERIC G. B. 2129 ROLLING HILLS RD. FAYETTEVILLE 28304 U OF MONTERREY	PM AC 81 82 86
STEWART, ALBERT, JR. 114 BROADFOOT AVENUE FAYETTEVILLE 28305 WASHINGTON U	IM AC 44 48 50	WEBB, ROBERT KENT PO BOX 42736 FAYETTEVILLE 28304 WEST VA U	NEP /IM AC 67 73 76		919 323-6149
	919 484-3365		919 484-8114		

29. DAVIDSON COMPONENT SOCIETY

OFFICERS—President: Deborah S. Lenahan, M.D., 2 Hospital Dr., Lexington 27292 (704 243-2436)

Secretary: Karl E. Bolstad, M.D., 11 Medical Park Dr., Lexington 27292 (704 249-2978)

ABBOTT, THOMAS DEAN RIPPLE BLDG. PO BOX 120 WELCOME 27374 U OF VIRGINIA	FP AC 83 84 86	BURKE, JAMES OTIS, JR. 8 MEDICAL PARK DRIVE LEXINGTON 27292 U OF NC	PD AC 65 65 71	CROSBY, FAITH BERNADETTE 244 FAIRVIEW DRIVE LEXINGTON 27292 MED U OF SC	PD AC 77 79 84
ARNOLD, TERRY VINCENT 13 MEDICAL PARK DR. LEXINGTON 27292 OHIO STATE U	IM AC 73 74 80	BUSBY, WILLIAM JARVIS 105 PINEYWOOD ROAD THOMASVILLE 27360 U OF NC	ORS AC 70 72 81	DACUS, ROBERT MABRY, III 1302 LEXINGTON AVENUE THOMASVILLE 27360 BOWMAN GRAY	OBG AC 65 65 71
BECK, ROBERT KENT 20 W. FIFTH AVE. LEXINGTON 27292 AUTONOMA U	OTO AC 79 80 85	BYRNES, THOMAS HENDERSON, JR. 309 PINEYWOOD ROAD THOMASVILLE 27360 DUKE	IM /CD AC 63 63 71	DEANG, CEDRIC RODRIGUEZ 1300 LEXINGTON AVENUE THOMASVILLE 27360 FAR EAST U	GS AC 63 74 78
BLACK, JAMES FRANKLIN 7 MEDICAL PARK DRIVE LEXINGTON 27292 U OF NC	OBG AC 75 75 75	CABRAL, DEBORAH BARBARA 208-B W. CENTER ST. LEXINGTON 27292 ST U OF NY-BUFF	FP AC 80 82 85	DEL TORO, MIGUEL HIGINIO 102 LINDEN LANE LEXINGTON 27292 U OF PUERTO RICO	DR AC 72 75 85
BLACKWELL, OSCAR MOORE, III 309 PINEYWOOD ROAD THOMASVILLE 27360 EMORY U	IM /BE AC 74 75 78	CATHELL, EDWIN JENNINGS P. O. BOX 440 LEXINGTON 27292 EMORY U	GS L/RT 30 30 32	DIXON, DIRK STANCILL, SR. P. O. BOX 1532 LEXINGTON 27292 BOWMAN GRAY	R AC 65 65 80
BOLSTAD, KARL EDWARD 14 MEDICAL PARK DR. LEXINGTON 27292 U OF MICHIGAN	ORS AC 72 73 80	CITRIN, KERRY ALAN 105 PINEYWOOD ROAD P. O. BOX 1187 THOMASVILLE 27360 HAHNEMANN	GS AC 70 75 78	DORTON, PHILLIP KEVIN 1302 LEXINGTON AVE. THOMASVILLE 27360 U OF NC	OBG AC 80 81 84
BOSKEN, DONALD WILLIAM 400 RANDOLPH ROAD THOMASVILLE 27360 U OF KANSAS	FP AC 74 74 78	CRANFORD, HAROLD DAVIS 22 YOUNG DR. PO BOX 747 LEXINGTON 27292 DUKE	OPH AC 56 56 59	FEDDER, MARC 208-D W. CENTER STREET P. O. BOX 557 LEXINGTON 27292 AUTONOMA U	IM /ID AC 75 79 84
BRODER, MICHAEL SYLVAN PO BOX 789 THOMASVILLE 27360 ALBERT EINSTEIN	DR AC 69 70 80	CRAVEN, NICHOLAS SCOTT 123 EASTSIDE DR. LEXINGTON 27292 DUKE	FP /P AC 62 62 78	FUTRELL, THOMAS MILTON 201 W. HOLLY HILL ROAD THOMASVILLE 27360 TEMPLE U	FP AC 80 81 84
BURCHEL, HAROLD CURTIS 201 W. HOLLY HILL ROAD THOMASVILLE 27360 SYRACUSE	FP AC 67 67 73		704 246-2253		919 475-9164
	919 475-2915				

29. DAVIDSON COMPONENT SOCIETY (Continued)

GILLIAM, CHARLES FRANKLIN 200 ARTHUR DRIVE THOMASVILLE 27360 U OF MARYLAND	PD AC 52 52 54 919 475-2348	MOCK, DAVID CARLTON 208-C W. CENTER STREET LEXINGTON 27292 BOWMAN GRAY	GP AC 46 46 50 704 246-5826	SUTTLE, EVELYN AMY 244 FAIRVIEW DRIVE LEXINGTON 27292 U OF TENNESSEE	PD AC 78 81 84 704 246-4333
HARRIS, SAMUEL RANCHOR 7 MEDICAL PARK DRIVE LEXINGTON 27292 U OF NC	OBG AC 68 68 75 704 243-2431	MORGAN, RICHARD YOUNG 100 CAROLINA AVE. LEXINGTON 27292 MED COLL OF VA	IM/GP AC 47 53 54 704 246-5836	TEAM, ROBERT ALSTON 2 CHERRY STREET LEXINGTON 27292 BOWMAN GRAY	FP AC 52 52 57 704 246-4539
HEDGPETH, JOSEPH ROWLAND 1302 LEXINGTON AVENUE THOMASVILLE 27360 BOWMAN GRAY	OBG AC 66 66 73 919 475-6139	PETERSEN, KENNETH MICHAEL 4 MEDICAL PARK DR. LEXINGTON 27292 DOWNSTATE ME CTR	GS/CDS AC 74 74 81 704 246-2487	THOMPSON, WILLIAM KEITH 200 ARTHUR DRIVE THOMASVILLE 27360 BOWMAN GRAY	PD AC 69 69 77 919 475-2348
HIGHSMITH, GEORGE PERRY 309 PINEYWOOD ROAD THOMASVILLE 27360 BOWMAN GRAY	IM AC 46 46 50 919 475-8121	PHELAN, JOHN WILLIAM JOSEPH 503 WILLOW DR. THOMASVILLE 27360 MED SCH-UMDNJ	P/IM AC 61 62 85 919 475-8184	TOLLIVER, JAMES BERT 510-A TURNER STREET THOMASVILLE 27360 U OF LOUISVILLE	FP AC 60 61 76 919 475-9171
HUNTER, JAMES EDWARD 1057 RANDOLPH ROAD THOMASVILLE 27360 CASE WESTERN RES	IM/BE AC 62 62 69 919 475-8121	PHILLIPS, MARVIN WORTH P. O. BOX 367 THOMASVILLE 27360 MED COLL OF VA	FP AC 45 45 49 919 472-7262	UPPIN, A. S. 400 E. CENTER STREET LEXINGTON 27292 BARODA U	GS AC 61 62 73 704 249-2991
HURST, DAVID MAURICE 1003 PINE NEEDLE LANE THOMASVILLE 27360 U OF TENNESSEE	R/NM AC 62 62 69 919 475-3056	PLUMMER, CHARLES WAYNE 50 E. MAIN ST., STE. 111 THOMASVILLE 27360 DUKE	AN AC 78 81 85 919 472-2000	VOLKMER, DONALD DURHAM OLD 29-70 SOUTH P. O. BOX 579 LEXINGTON 27292 NORTHWESTERN U	IM AC 72 79 84 704 249-7785
LENAHAN, DEBORAH SMITHERMAN 2 HOSPITAL DR. LEXINGTON 27292 U OF ALABAMA	OPH AC 78 79 84 704 243-2436	REDWINE, JAMES DANIEL 6 WILLIAMS CIRCLE LEXINGTON 27292 EMORY U	GP L/RT 31 31 34 704 246-2658	WELBORN, JAMES TODD 17 E. SECOND AVENUE LEXINGTON 27292 U OF MARYLAND	FP AC 48 48 50 704 246-5625
LEONARD, JACOB CALVIN, JR. 119 W. SECOND AVE. LEXINGTON 27292 JEFFERSON	OTO/OPH L/RT 28 28 31 704 246-5295	SLYMAN, JAMES FRANCIS 2 HOSPITAL DR. LEXINGTON 27292 BOWMAN GRAY	OPH AC 77 78 82 704 243-2436	WILLIAMS, DAVID ROBERT 200 ARTHUR DRIVE THOMASVILLE 27360 U OF NC	PD AC 63 63 69 919 475-2348
LOHR, DERMOT 20 VANCE CIRCLE LEXINGTON 27292 JEFFERSON	PH L/RT 34 34 38 704 246-2626	SMITH, DAVID CLARK 102 WESTOVER DRIVE LEXINGTON 27292 BOWMAN GRAY	IM L/RT 43 44 48 704 246-2929	WILLMOT, MICHEAL HENRY PO BOX 993 THOMASVILLE 27360 U OF MISSISSIPPI	GS AC 75 75 82 919 472-4433
LOHR, LLOYD DERMOT 7 MEDICAL PARK DRIVE LEXINGTON 27292 U OF NC	OBG AC 61 61 69 704 243-2431	STEPP, HESTLEY DANARD 200 ARTHUR DRIVE THOMASVILLE 27360 BOWMAN GRAY	PD AC 59 59 71 919 475-2348	WOLFBERG, BERNARD 17 CUB DR. THOMASVILLE 27360 CHICAGO MED SCH	P AC 69 69 84 919 475-8184
MANDEL, DALE MASON 105 PINEYWOOD RD. BOX 1187 THOMASVILLE 27360 U OF BOLOGNA	GS/TRS AC 77 80 85 919 475-7148	STRADER, EUGENE RAY 901 E. CENTER STREET LEXINGTON 27292 BOWMAN GRAY	FP AC 56 56 58 704 249-1200	YORK, SHELLEY CLYDE, JR. 1300 LEXINGTON AVENUE THOMASVILLE 27360 U OF MARYLAND	GS AC 51 52 59 919 475-2376
MCGOVERN, LARRY 200 CAROLINA AVE. LEXINGTON 27292 JEFFERSON	GS AC 65 69 87 919 249-0144	STRADER, HUNTER GORDON, JR. 2 CHERRY STREET LEXINGTON 27292 DUKE	FP AC 58 58 63 704 249-9626		

31. DUPLIN COMPONENT SOCIETY

OFFICERS—**President:** C. L. Quinn, M.D., 112-116 N. R.R. St., Magnolia 28453 (919 285-2111)**Secretary:** Coragon Ngo, M.D., P.O. Box 538, Kenansville 28449

AMMAR, MOHAMED IBRAHIM P. O. BOX 468 KENANSVILLE 28349 U OF EIN SHAMS	OBG AC 65 80 82 919 296-1666	EWERS, EDWIN PATTERSON P. O. BOX 487 WARSAW 28398 MED COLL OF VA	FP L/RT 35 36 39 919 293-4432	POPE, SAMUEL A. BEULAVILLE 28518 U OF PENN	IM L/RT 35 35 52 919 298-3193
BLAIR, JAMES SEABORN, JR. 400 E. MAIN STREET WALLACE 28466 U OF MARYLAND	FP AC 47 47 50 919 285-2134	HAWES, CHARLES FOREST P. O. BOX 486 ROSE HILL 28458 NORTHWESTERN U	GP L/RT 33 32 39 919 289-2739	QUINN, CORBETT LATIMER 112-116 N. R.R. ST. MAGNOLIA 28453 U OF MARYLAND	FP/PH AC 53 53 55 919 289-4165
BOYETTE, EDWARD LEE CHINQUAPIN 28521 BOWMAN GRAY	FP/CD AC 54 54 56 919 285-3481	HAYNES, CARL LEWIS, JR. PO BOX 850 ROSE HILL 28458 U OF NC	FP AC 80 81 85 919 289-3027	QUINN, MARSHALL K. PO BOX 189 MAGNOLIA 28453 BOWMAN GRAY	FP AC 83 83 83 919 289-4165
DIETRICK, RONALD BURTON KENANSVILLE SURGICAL CLINIC BOX 845 KENANSVILLE 28349 U OF PENN	GS/TS AC 53 53 85 919 296-0545	MATTHEWS, GEORGE POWERS P. O. BOX 609 ROSE HILL 28458 TEMPLE U	GP AC 43 43 47 919 289-2330	RICCI, DANIEL MICHAEL RT. #2, BOX 117X WARSAW 28398 HAHNEMANN	IM AC 83 84 87 919 289-3086
EGUEZ, JORGE PO BOX 310 WALLACE 28466 U CENTRAL QUITO	AC 54 55 87 919 285-2191	NAGA, AHMED HADY P. O. BOX 708 KENANSVILLE 28349 ALEXANDRIA U	DR AC 49 71 74 919 296-0701	SUTTON, WILLIAM WAYNE 337 N. NORWOOD STREET WALLACE 28466 U OF NC	FP AC 59 59 60 919 285-2111
		PATE, CARL DANIEL, JR. PO BOX 986 BEULAVILLE 28518 U OF NC	FP AC 82 00 84 919 757-4100		

32. DURHAM-ORANGE COMPONENT SOCIETY

OFFICERS—President: William B. Wood, M.D., UNC 231 MacNider Bldg., Chapel Hill 27514 (919 962-2188)

Secretary: William N. P. Herbert, M.D., UNC, OB-GYN Dept., Chapel Hill 27514 (919 966-1601)

Executive Secretary: Mrs. Jerry H. Nance, 419 Dickson Mill Rd., Durham 27705 (919 383-2602)

ABERNATHY, WILLIAM SHERWOOD CD /IM AC 2609 N. DUKE ST., STE. 403 DURHAM 27704 COLUMBIA U 919 471-8441	ALYEA, EDWIN PASCAL, III S 2211 MOREHEAD AVE. #3 DURHAM 27707 DUKE 919 495-5608	ATSTUPENAS, ELIOT ANTHONY S STRATFORD HILLS APTS. 12-D CHAPEL HILL 27514 U OF NC 919 929-9907
ABERNETHY, MARY LISA S 3534 ERICA WAY, CROWNE POINT BIRMINGHAM, AL 35243 U OF NC	AMAYA, MARCELINO CHP /P AC 2928 FRIENDSHIP ROAD DURHAM 27705 NAT U OF MEXICO 919 575-7621	AYSCUE, LANIER HASTY S 813 EMORY DR. CHAPEL HILL 27514 U OF NC 919 968-0516
ABSE, DAVID WILFRED P AC ST. ALBANS HOSPITAL RADFORD, VA 24143 WELSH NATL SCH 804 977-1120	ANDERSON, CARL ELVING P R 1702 VISTA ST. DURHAM 27701 CORNELL U 919 688-5373	BACON, DAVID SCOTT S 311 S. LASALLE ST. 49H DURHAM 27705 DUKE 919 286-7883
ACKER, JEFFREY CHARLES S 2209 MOREHEAD AVE., APT. #2 DURHAM 27707 DUKE 919 684-5154	ANDERSON, EDWARD EVERETT U AC DUKE UNIVERSITY MEDICAL CTR. DURHAM 27710 DUKE 919 684-3448	BAILEY, CLARENCE ALMON, JR. PD /AI AC 1824 HILLDALE ROAD DURHAM 27705 U OF NC 919 286-2202
ADAMS, BEVERLY J. S. PSF /HNS AC 1110 W. MAIN STREET DURHAM 27701 DUKE 919 682-9341	ANDERSON, JAY ARTHUR AN R 4114 LIVINGSTONE PLACE DURHAM 27707 U OF NC 919 489-2184	BAKER, KRISTINE D. S 516 CHATEAU APTS. CARRBORO 27510 U OF NC 919 968-1260
ADAMS, ELIZABETH C. S 200 CREST ST. APT. A-9 CARRBORO 27510 U OF NC 919 967-7467	ANDERSON, PAGE ALBERT WILLIS PDC AC BOX 3218, DUKE MEDICAL CTR. DURHAM 27710 DUKE 919 684-2538	BAKER, LENOX DIAL ORS L/R BOX 3706, DUMC DURHAM 27710 DUKE 919 684-2628
ADAMSON, WM. TALBOT S 3222 COACHMAN'S WAY DURHAM 27705 DUKE 919 489-7372	ANDERSON, WILLIAM BANKS, JR. OPH AC DUKE UNIVERSITY EYE CENTER DURHAM 27710 HARVARD 919 684-3343	BAKER, MARK EARLY DR AC DUMC, BOX 3808 DURHAM 27710 LOYOLA U 919 681-2711
ADER, OTTIS LADEAU PH L/R PO BOX 507 WALKERTOWN 27051 U OF PENN 919 595-2251	ANDERSON, TERESA T. S 104 SILO COURT CARY 27511 U OF NC 919 481-1752	BAKEWELL, WILLIAM ERNEST, JR. P AC N. C. MEMORIAL HOSPITAL CHAPEL HILL 27514 MCGILL U 919 966-4551
AITKEN, MARY ELIZABETH S 308 BRIARBRIDGE VALLEY RD. CHAPEL HILL 27514 U OF NC 919 929-7833	ANDRESEN, JEFFRY JOHN PYA /P AC NCMH, 234 WING C-PSYCHIATRY CHAPEL HILL 27514 U OF PENN 919 966-3378	BARADA, FRANC A., JR. RHU /IM AC 2609 N. DUKE ST. DURHAM 27704 U OF VIRGINIA 919 477-5179
AKWARI, ANNE MICHEAUX OM /IM AC IBM CORPORATION 657/205 P. O. BOX 12195 RESEARCH TRIANGLE PK 27709 HOWARD U 919 543-5508	ANDREWS, PAUL STEPHEN OBG AC 2609 N. DUKE ST. STE. 204 DURHAM 27704 U OF NC 919 471-8402	BARBORIAK, PETER N. S 2748 MIDDLETON #14B DURHAM 27705 DUKE 919 383-8849
AKWARI, ONYEKWERE E. GS AC BOX 3076, DUMC DURHAM 27710 U OF SOU CALIF 919 684-5509	ANDREWS, ROBERT WILLIAM U AC 923 BROAD ST. DURHAM 27705 BOWMAN GRAY 919 286-1297	BARKER, RUDY WATKINS OBG AC 2609 N. DUKE ST., STE. 204 DURHAM 27704 U OF NC 919 471-8402
ALDRICH, HARRY RANDOLPH R BOX 31264, DUMC DURHAM 27710 DUKE 919 684-6761	ANDREWS, SUSAN DEBORAH FP R 2314 WILSON STREET DURHAM 27705 MICHIGAN ST U 919 286-4079	BARNES, ROBERT STEPHEN P AC 228 CHERYL AVE. DURHAM 27712 DUKE 919 477-3459
ALLEN, ELIZABETH P AC 3333 CHAPEL HILL BOULEVARD DURHAM 27707 U OF TENNESSEE 919 489-3889	ANGELILLO, JOHN CHARLES MFS AC DUKE MEDICAL CENTER DIV. OF PLASTIC SURGERY DURHAM 27710 DUKE 919 684-2943	BARRY, DAVID WALTER IM /ID AC BURROUGHS WELLCOME CO. 3030 CORNWALLIS ROAD RESEARCH TRIANGLE PK 27709 YALE 919 248-4534
ALLEN, JAMES LATHAN OBG AC 1821 GREEN STREET DURHAM 27705 EMORY U 919 286-1258	ANLYAN, WILLIAM GEORGE GS AC BOX 3701, DUMC DURHAM 27710 YALE 919 684-3438	BARWICK, WILLIAM JAMES PS AC BOX 3098, DUMC DURHAM 27710 U OF TENNESSEE 919 684-3320
ALLEN, RODNEY H. OBG /END S 602 THE OAKS CHAPEL HILL 27514 U OF NC 919 929-5745	ANTLEY, CATHERINE M. S 1119 HILLCREST ROAD CHAPEL HILL 27514 U OF NC 919 968-1172	BASSETT, FRANK HOUSTON, III ORS AC DUKE UNIV. MED. CTR. DURHAM 27710 U OF LOUISVILLE 919 684-4378
ALLF, BRYAN EWING S 1711 SHAWNEE STREET DURHAM 27701 DUKE 919 683-1099	ANTOSZYK, ANDREW NICHOLAS OPH R 3116 STANFORD DRIVE DURHAM 27707 NEW YORK MED COL 919 489-3937	BAUMAN, ROC WINSTON S 102 SIDNEY GREEN ST. CHAPEL HILL 27514 U OF NC 919 929-5454
ALTSHULLER, LILLIS FLATMAN PD AC 1301 FAYETTEVILLE ST. DURHAM 27707 CASE WESTERN RES 919 683-1316	ARENA, JAY MORRIS PD L DUKE HOSPITAL, BOX 3024 DURHAM 27710 DUKE 919 684-6138	BAYLIN, GEORGE JAY DR /OTO L/R 2535 WRIGHTWOOD AVENUE DURHAM 27705 DUKE 919 489-9637
ALVA, JUAN GE /IM AC 609 VICKERS AVENUE DURHAM 27701 ST LOUIS U 919 688-4748	ARMSTRONG, MICHAEL, JR. S 4335-B AMERICAN DR. DURHAM 27705 DUKE 919 967-8574	BEATTY, PETER T. S 2335 HURON CIRCLE DURHAM 27707 DUKE 919 493-9131
ALVERSON, LISA KAY S 375-A UMSTEAD DR. CHAPEL HILL 27514 U OF NC	ASKAR, ABDULLAH ONSY P /FP R H-STREET, #33 BUTNER 27509 MANSOURAH U 919 575-9005	BEAZLEY, MARGIE LANE S 13 HAMILTON ROAD CHAPEL HILL 27514 U OF NC 919 942-2779

32. DURHAM-ORANGE COMPONENT SOCIETY (Continued)

BECHTOLDT, ALBERT ARTHUR, JR. UNC, DEPT. OF ANES. CHAPEL HILL 27514 YALE	AN AC 61 61 69 919 966-5136	BLOW, OSBERT 5238 N. WILLOWHAVEN DR. DURHAM 27712 DUKE	PTH R 87 87 87 919 383-1076	BRANTLEY, INGRID JEAN 3510 UNIVERSITY DRIVE DURHAM 27707 DUKE	CHP /P AC 74 80 80 919 489-1884
BECKWITH, MARY KRISTINE 1821 GREEN ST. DURHAM 27705 U OF IOWA	OBG AC 82 82 86 919 286-1250	BLYTHE, WILLIAM BREVARD UNC, DEPT. OF MEDICINE CHAPEL HILL 27514 WASHINGTON U	IM /NEP AC 53 53 60 919 966-2565	BRANTLEY, JEFFREY GARLAND 414 E. MAIN ST. DURHAM 27701 U OF NC	P AC 77 77 83 919 682-9296
BEDROSIAN, CAMILLE LUCIA 9-A TARAWA TERRACE DURHAM 27705 HARVARD	IM R 83 84 84 919 383-4972	BOAT, THOMAS FREDERICK 2025 S. LAKESHORE DRIVE CHAPEL HILL 27514 U OF IOWA	PD /PUD AC 66 67 84 919 966-4427	BRASHEAR, HARRY ROBERT, JR. N. C. MEMORIAL HOSPITAL CHAPEL HILL 27514 U OF CALIFORNIA	ORS AC 45 53 53 919 966-2030
BEITZ, LAURIE OWEN 413 PRITCHARD AVE. CHAPEL HILL 27514 U OF NC	S 89 00 85 919 929-7771	BOLESTA, MICHAEL JOSEPH BOX 3000, DUMC DURHAM 27710 U OF MISSOURI	ORS R 81 81 81 919 684-8111	BRAUN, SIMON DAVID 824 SHADYLAWN RD CHAPEL HILL 27514 EMORY U	DR AC 77 78 83 919 681-2711
BELL, DOROTHY MCFARLAND 1110 W. MAIN ST. DURHAM 27701 U OF CHICAGO	OPH AC 75 75 80 919 682-9341	BOLICK, CHARLES ARTHUR 901-A N. GREENSBORO ST. CARRBORO 27510 U OF NC	S 87 00 84 919 929-6342	BREAM, CHARLES ANTHONY N. C. MEMORIAL HOSPITAL CHAPEL HILL 27514 TEMPLE U	DR L 40 52 52 919 966-1461
BELL, ELIZABETH ANNE 52-B DAVIE CIRCLE CHAPEL HILL 27514 U OF NC	S 89 00 85 919 942-6137	BOLLINGER, RALPH RANDAL BOX 2910, DUKE HOSPITAL DURHAM 27710 TULANE U	GS /IG AC 70 70 80 919 684-5209	BRENNER, WILLIAM EDWARD 109 CONNER DR., STE. 2202 CHAPEL HILL 27514 CASE WESTERN RES	OBG /NPM AC 62 62 69 919 942-0011
BELL, WILLIS HARVEY, II 2027 WAWA AVENUE DURHAM 27707 DUKE	IM /PUD RT 64 64 70 919 493-1048	BOMBERG, ROBERT BRYAN 2609 N. DUKE STREET DURHAM 27704 U OF COLORADO	IM AC 64 65 74 919 471-8446	BRESLIN, MARIANNE S. 500 EASTOWNE DR., STE. 115 CHAPEL HILL 27514 DUSSELDORF GER	P /PYM AC 46 60 61 919 493-2657
BENTSEN, BIRGER STEVEN PO BOX 1323 CHAPEL HILL 27514 U OF CINCINNATI	P R 83 84 86 919 942-8226	BOND, PAMELA EATON 869 LOUISE CIRCLE DURHAM 27705 DUKE	S 89 00 85 919 383-8354	BRIGHT, ROBERT PAUL 433 BROOKSIDE DR. CHAPEL HILL 27514 U OF NC	S 90 00 86 919 967-5440
BERGANT, JAMES ALLEN 2609 N. DUKE ST., SUITE 302 DURHAM 27704 U OF KANSAS	U AC 69 70 76 919 471-8423	BONDURANT, STUART UNC, 125 MACNIDER BLDG. CHAPEL HILL 27514 DUKE	IM AC 53 53 80 919 966-4161	BRINKHOUS, KENNETH MERLE UNC, DEPT. OF PATH., 228-H CHAPEL HILL 27514 U OF IOWA	PTH /HEM L 32 32 47 919 966-1061
BERGER, GARY STERLING 109 CONNER DR., STE. 2104 CHAPEL HILL 27514 U OF ROCHESTER	OBG /PH AC 69 73 76 919 968-4656	BOSSEN, EDWARD HECHT BOX 3712, DUMC DURHAM 27710 DUKE	PTH AC 65 66 85 919 684-3300	BRISLEY, JON PHILIP 618-C HIBBARD DR. CHAPEL HILL 27514 U OF NC	S 88 00 85 919 933-5874
BERNHARDT, PETER F. RT. #1 2505 HARDWOOD LN. HILLSBOROUGH 27278 DUKE	PTH R 86 86 86 919 471-8168	BOSWELL, JOHN IVERSON, JR. N. C. MEMORIAL HOSPITAL CHAPEL HILL 27514 U OF VIRGINIA	CHP /P AC 57 58 64 919 966-2025	BRODEUR, DAVID 4800 UNIVERSITY DR. #24B DURHAM 27707 DUKE	S 88 00 85 919 493-6718
BERNSTEIN, ROSLYN JULIE 4617 HOPE VALLEY RD., APT. H DURHAM 27707 DUKE	IM R 85 00 82	BOWES, WATSON ALLEN, III 38-A DAVIE CIRCLE CHAPEL HILL 27514 U OF NC	S 88 00 85 919 942-6988	BROMBERG, PHILIP ALLAN 724 CLI. SCI. BLDG. 229-H UNC, DIV. PULMONARY DISEASE CHAPEL HILL 27514 HARVARD	IM /PUD AC 53 68 81 919 966-2531
BEVIN, ABNER GRISWOLD, JR UNC, DIV. OF PLASTIC SURGERY CHAPEL HILL 27514 YALE	PS /GS AC 60 60 69 919 966-4446	BOWES, WATSON ALLEN, JR. UNC, DEPT. OF OBG 214 MACNIDER BLDG. 202-H CHAPEL HILL 27514 U OF COLORADO	OBG AC 59 60 86 919 966-1601	BROOKS, CLYDE LONG, JR. 934 HUNSWOOD LANE CHARLOTTESVILLE, VA 22901 U OF NC	IM R 85 00 82 804 293-8569
BICKSTON, STEPHEN JOSEPH #73 HAMILTON ROAD CHAPEL HILL 27514 U OF NC	S 88 00 85 919 933-3027	BOWLES, FRANCIS NORMAN 1019 FISH CROW ROAD SANIBEL, FL 33957 MED COLL OF VA	OBG L/RT 24 24 26 813 472-4436	BROSKIE, NANCY ELAINE K-12 THE VILLAGES APTS. CARRBORO 27510 U OF NC	S 91 00 85 919 966-0615
BIEHLER, DARREN FOSTER 108-A ESTES DR. CARRBORO 27510 U OF NC	S 88 00 86 919 942-9519	BOYD, WILLIAM MONROE, V #1 SPRING GARDEN APTS. CHAPEL HILL 27514 U OF NC	S 89 00 85 919 968-0106	BROWN, DAVID WARREN 891 W. WILLOW DRIVE CHAPEL HILL 27514 U OF ROCHESTER	IM AC 67 68 81 919 942-5123
BIGGERS, WILLIAM PAUL 610 BURNETT-WOMACK-229H UNC SCHOOL OF MEDICINE CHAPEL HILL 27514 U OF NC	OTO /A AC 63 63 69 919 966-3341	BOZYMSKI, EUGENE MICHAEL UNC, DEPT. OF MEDICINE 324 CLINICAL SCI. BLDG. 229-H CHAPEL HILL 27514 MARQUETTE U	GE /IM AC 60 60 69 919 966-2511	BROWN, HOWARD RICHARD 4006 WESTFIELD DR. DURHAM 27705 U OF CA-IRVINE	ORS R 84 84 84 919 383-1617
BILLMIRE, KAREN LEIGH ROUTE #5, BOX 110 PITTSBORO 27312 U OF MASS	P R 84 84 86 919 966-5711	BRAASCH, ERNEST R. 4114 DEEPWOOD CIRCLE DURHAM 27707 DOWNSTATE ME CTR	P AC 70 73 87 919 493-2217	BROWN, MICHAEL W. 4518 CHESHIRE CT. DURHAM 27705 NORTHWESTERN U	U AC 80 85 87 919 684-2033
BIRMINGHAM, LORRAINE FAITH 5035 HADRIAN DR. DURHAM 27703 DUKE	FP R 81 84 86 919 596-0430	BRAASCH, LESLEY KRIEGMAN 4114 DEEPWOOD CIRCLE DURHAM 27707 DOWNSTATE ME CTR	PYA /P AC 70 73 76 919 493-2217	BROWN, SUSAN EVANS 5501 FORTUNE'S RIDGE, STE. A DURHAM 27713 GEORGETOWN U	FP AC 76 77 86 919 493-8877
BIZZELL, JAMES EUSTACE, II 1410 FOUNTAIN VIEW #101 HOUSTON, TX 77057 U OF NC	R 84 00 82 713 784-6504	BRADY, JOSEPH LAWRENCE, JR. 500 WATERSIDE DR. CARRBORO 27510 U OF NC	PD /NPM R 82 82 81 919 968-4728	BROWN, TERRY MICHAEL 134 LOBLOLLY LANE CHAPEL HILL 27514 DES MOINES OST	P R 84 84 84 919 967-2590
BLAIR, JERRY RAY 14 GLEEWOOD PLACE, EAST DURHAM 27713 DUKE	S 90 00 86 919 544-5534	BRANTLEY, BERT ALTON, JR. 307 COLONY WOODS DRIVE CHAPEL HILL 27514 DUKE	ON AC 78 80 76 919 684-2804	BROWNLEE, ROBERT CALVIN 111 SILVER CEDAR COURT CHAPEL HILL 27514 VANDERBILT U	PD AC 45 45 81 919 929-0461

32. DURHAM-ORANGE COMPONENT SOCIETY (Continued)

BRUCH, RICHARD FRANKLIN TRIANGLE ORTHOPAEDIC ASSOC. 2609 N. DUKE STREET DURHAM 27704 U OF ILLINOIS	ORS /GER AC 72 73 77 919 471-8431	CALTON, WILLIAM CUYLER, JR. 3625 MANFORD DR. DURHAM 27707 DUKE	S 88 00 84 919 493-5372	CHAPMAN, SHELLEY J. UNC-CH 121 MACNIDER BLDG. CHAPEL HILL 27514 U OF NC	S 90 00 87 919 722-7006
BRUSINO, FRANCIS GREGORY 3230-J MYRA ST. DURHAM 27707 ST U OF NY-BUFF	AN R 83 83 85 919 489-2732	CAMPBELL, JEFFREY PAUL APT. 16 HOLLAND DR. CHAPEL HILL 27514 U OF NC	S 88 00 85	CHEEK, JOHN MERRITT, JR. 1414 KENT STREET DURHAM 27707 BOWMAN GRAY	GS L/RT 45 45 52 919 489-1241
BRYAN, JAMES ALEXANDER, II NC MEMORIAL HOSPITAL DEPT. OF MEDICINE CHAPEL HILL 27514 U OF PENN	IM /HEM AC 57 57 65 919 966-2268	CAMPBELL, PAUL THOMAS 1321 NEW CASTLE RD. APT. A-13 DURHAM 27704 TEMPLE U	R 85 85 85 919 471-9244	CHERRY, JEAN MICHELE 38-C LAUREL RIDGE HWY. 54 CHAPEL HILL 27514 U OF NC	S 90 00 87 919 968-0846
BUCHANAN, ROBERT A., JR. 2609 N. DUKE ST., STE 403 DURHAM 27704 BOWMAN GRAY	CD /IM AC 69 69 74 919 471-8441	CARNEY, CHARLES NOEL UNC, DEPT. OF PATHOLOGY CHAPEL HILL 27514 U OF ALABAMA	PTH AC 63 63 71 919 966-4676	CHIMIAK, JAMES MICHAEL 303 EFFINGHAM ST. APT. 4J PORTSMOUTH, VA 23704 U OF NC	S 87 00 85 919 395-6840
BUCKLEY, EDWARD GEORGE BOX 3802, DUKE EYE CENTER DURHAM 27705 DUKE	OPH /PD AC 77 78 79 919 684-6084	CARR, DAVID RUDDLE 5407 SW 80TH TERR. GAINESVILLE, FL 32608 DUKE	S 87 00 84	CHOW, CAROLINE CHIA-LIN 311 S. LASALLE ST. # 50P DURHAM 27705 DUKE	S 89 00 86 919 286-4154
BUCKWALTER, JOSEPH ADDISON NCMH, DEPT. OF SURGERY CHAPEL HILL 27514 U OF PENN	GS AC 44 44 71 919 966-4220	CARR, JOHN FERGUSON, II 1200 BROAD ST. DURHAM 27705 U OF TENNESSEE	D AC 68 68 76 919 286-7903	CHOW, GREGORY HENKUO #9 GEORGETOWN CT. DURHAM 27705 DUKE	S 88 00 84 919 383-6849
BUGG, EVERETT IRVING, JR. RT. #2, BOX 143 PITTSBORO 27312 JOHNS HOPKINS	ORS L 37 38 46 919 286-1249	CARROLL, BARBARA ANNE P. O. BOX 1357 HILLSBOROUGH 27278 STANFORD U	R AC 72 73 85 919 684-2711	CHRISTAKOS, ARTHUR CHRIS BOX 2976, DUMC DURHAM 27710 MED U OF SC	GYN AC 55 64 65 919 684-4647
BULLARD, DENNIS EUGENE BOX 3128, DUMC DURHAM 27710 ST LOUIS U	NS AC 75 75 83 919 684-2766	CARSON, CULLEY CLYDE, III BOX 3274, DUMC DURHAM 27710 GEO WASHINGTON U	U AC 71 72 79 919 684-2127	CHRISTENSEN, FRANK HOWARD 109 CONNER DR., STE. 2207 CHAPEL HILL 27514 ST LOUIS U	OPH /PS AC 76 76 83 919 933-1294
BUNCE, PAUL LESLIE ROUTE #7, BOX 646 CHAPEL HILL 27514 U OF CHICAGO	U L/RT 42 52 52 919 933-8766	CARSON, SHANNON STEWART 42-A STRATFORD HILLS APTS. CHAPEL HILL 27514 U OF NC	S 89 00 86 919 968-8231	CHURCHILL, CAROL ANN 100-A TALL OAKS RD. CHAPEL HILL 27514 U OF NC	S 89 00 85 919 967-0763
BURHANS, ROLLIN SCOFIELD, JR. 1830 HILLDALE ROAD DURHAM 27705 U OF LOUISVILLE	GS AC 63 63 71 919 383-5531	CARTER, JAMES HARVEY BOX 3106, DUMC DURHAM 27710 HOWARD U	P AC 66 66 79 919 684-6102	CLAPP, JAMES ROBERT BOX 2991, DUMC DURHAM 27710 U OF NC	IM /NEP AC 57 57 82 919 684-6674
BURNHAM, STEVEN JAMES UNC, DEPT. OF VS 229-H CLINICAL SCIENCE BLDG. CHAPEL HILL 27514 VANDERBILT U	GS AC 72 72 79 919 966-3391	CARVER, DONALD D. 218 CONNER DR. APT. 24 CHAPEL HILL 27514 U OF NC	S 89 00 87 919 968-6403	CLARK, CHARLES EDWARD, III 2609 N. DUKE ST. STE. 306 DURHAM 27704 U OF MICHIGAN	OTO AC 68 69 77 919 471-8700
BURNS, WALTER WOODROW, JR. 901 WILLOW DRIVE CHAPEL HILL 27514 U OF NC	GS AC 69 72 76 919 967-8258	CARVER, GORDON MALONE, JR. 114 CRUTCHFIELD ST. DURHAM 27705 DUKE	TS /GS AC 48 50 56 919 286-1245	CLARK, DOUGLAS WINSTON 306 S. GREGSON ST. DURHAM 27701 U OF NC	PD AC 83 85 86 919 688-6349
BURTON, CLAUDE SHREVE, III BOX 3511, DUMC DURHAM 27710 DUKE	D /IM AC 79 81 84 919 684-5037	CASEY, MARY FRANCES 210 CEDARWOOD LANE CARRBORO 27510 U OF NC	S 89 00 85 919 942-4799	CLARK, RICHARD LEE ROUTE #4, BOX 529 CHAPEL HILL 27514 JOHNS HOPKINS	DR AC 66 66 74 919 966-4400
BUSER, STEVEN DONALD 1707 WARD ST. DURHAM 27707 DUKE	S 89 00 86 919 493-3046	CATO, ALLEN EASLEY, JR. 3030 CORNWALLIS RD. RESEARCH TRIANGLE PK 27709 DUKE	PD /PUD AC 69 69 77 919 248-4537	CLARK, THOMAS BOYLE, III P. O. BOX 2951 DURHAM 27705 MED U OF SC	PTH R 83 84 85 919 684-3300
BUSH, JANICE KAREN 137 ESSEX DR. CHAPEL HILL 27514 U OF ALABAMA	PD /ADL AC 80 83 86 919 248-2459	CAVALLO, MARTYN J. 130-N E. LONGVIEW RD. CHAPEL HILL 27514 U OF NC	S 90 00 86 919 942-2342	CLARK, VIVIAN E. PO BOX 3317 CHAPEL HILL 27514 BOSTON U	GYN AC 81 82 86 919 942-8571
BUSSE, EWALD WILLIAM BOX 2948, DUMC DURHAM 27710 WASHINGTON U	P /GER AC 42 53 54 919 684-3416	CAVENESE, MICHAEL BRYAN 1453-B CAMERON COURT WILMINGTON 28401 U OF NC	S 87 00 84	CLEMENTS, DENNIS ALFRED, III 119 WISTERIA DR. CHAPEL HILL 27514 U OF ROCHESTER	PD /ID R 73 74 78 919 684-6610
BUTTS, JOHN DAVIS, JR. OFF. OF CHIEF MEDICAL EXAMINER CHAPEL HILL 27514 DUKE	FOP AC 72 73 79 919 966-2253	CECH, ALEX CHARLES BOX 2710, DUMC DURHAM 27710 DUKE	S 89 00 85 919 383-8355	CLINE, JOHN WILLIAM 1110 W. MAIN STREET DURHAM 27701 MED COLL OF VA	OPH AC 58 63 68 919 682-9341
BYNUM, DONALD K., JR. 245 BURNETT-WOMACK BLDG. 229-H UNC SCHOOL OF MEDICINE CHAPEL HILL 27514 U OF TX-HOUSTON	ORS /HS AC 76 76 83 919 966-2030	CEFALO, ROBERT CHARLES 430 LAKESHORE LANE CHAPEL HILL 27514 TUFTS U	OBG /NPM AC 59 61 81 919 966-1601	CLIPPINGER, FRANK WARREN, JR. BOX 3935, DUMC DURHAM 27710 WASHINGTON U	ORS AC 52 54 58 919 684-4229
CALDWELL, DAVID STEWART BOX 2978, DUMC DURHAM 27710 BOWMAN GRAY	RHU /IM AC 71 71 77 919 684-3313	CHAMBERLIN, HARRIE ROGERS UNC, DEPT. OF PEDIATRICS CHAPEL HILL 27514 HARVARD	PD L/RT 45 53 53 919 966-5171	CLYDE, WALLACE ALEXANDER, JR. UNC SCHOOL OF MEDICINE 229-H 535 BURNETT-WOMACK CLI SC BLDG CHAPEL HILL 27514 VANDERBILT U	PD /ID AC 54 55 63 919 966-2331
CALLAWAY, JASPER LAMAR DUKE UNIV. MED. CTR. DURHAM 27710 DUKE	D L/RT 32 32 37 919 684-3432	CHAN, KRAMMIE M. 1424-D2 WYLDEWOOD RD. DURHAM 27704 DUKE	S 90 00 86 919 477-3083	COBO, LIONEL MICHAEL BOX 3802, DUKE EYE CTR. DURHAM 27710 HARVARD	OPH AC 75 78 81 919 684-3799
		CHANDLER, ARTHUR CECIL, JR. 1830 HILLDALE ROAD DURHAM 27705 DUKE	OPH AC 59 59 66 919 383-5531		

32. DURHAM-ORANGE COMPONENT SOCIETY (Continued)

COGGINS, DAVID ALLEN 3233-G PARK ROAD CHARLOTTE 28209 U OF NC	S 87 00 85 919 967-7511	COUNDOURIOTIS, ANDREW 1408 WASHINGTON ST. DURHAM 27701 DUKE	S 87 00 85 919 683-2785	DAHNNERS, LAURENCE E. UNC, ORTHOPAEDIC SURGERY 237 BURNETT-WOMACK BLDG.229H CHAPEL HILL 27514 U. OF ARIZONA	ORS AC 78 79 84 919 966-2039
COHAN, RICHARD HARRIS 9 RABBITS GLEN TERRACE DURHAM 27713 NEW YORK U	DR AC 79 81 86 919 681-2711	COVEY, JONATHAN BALDRIDGE P-2 OLD WELL APTS. 501 JONES FERRY RD. CARRBORO 27510 U OF NC	S 88 00 85 919 942-5477	DALLDORF, FREDERIC GILBERT 308 WOODHAVEN RD. CHAPEL HILL 27514 CORNELL U	PTH AC 58 65 66 919 966-4541
COHEN, KENNETH LEE UNC, DEPT. OF OPHTHALMOLOGY 617 CLINICAL SCI. BLDG. 229-H CHAPEL HILL 27514 U OF ILLINOIS	OPH AC 71 72 79 919 966-5296	COVINGTON, DONALD SCOTT 136-A PUREFOY RD. CHAPEL HILL 27514 U OF NC	S 89 00 85	DALTON, JAMES D., JR. 311 S. LASALLE ST. APT. 5-E DURHAM 27705 DUKE	S 90 00 86 919 286-9753
COHEN, MYRON SCOTT UNC,547 BURNETT-WOMACK, 229-H CHAPEL HILL 27514 RUSH MED COLL	ID AC 74 74 85 919 966-2536	COX, JOHN BALDWIN 4511 ROLLINGWOOD DR. DURHAM 27713 GEO WASHINGTON U	PUD /IM R 83 86 86 919 493-4674	DALY, JOHN T. P. O. BOX 15337 DURHAM 27704 CORNELL U	PTH /FOP AC 68 69 78 919 477-6742
COHEN, SUSAN RAY 208 HOWELL ST. CHAPEL HILL 27514 U OF NC	S 88 00 85 919 933-9444	COX, PATRICIA MARY 3004 UNIVERSITY DR. DURHAM 27707 DUKE	S 88 00 86 919 489-0179	DANFORD, JERRY LEE 1830 HILLANDALE ROAD DURHAM 27705 DUKE	GYN AC 67 67 72 919 383-5531
COLE, JACK MARTIN D-7 BERKSHIRE MANOR APTS. CARRBORO 27510 U OF NC	S 88 00 85	CRAIN, BARBARA JEAN 106 FOXRIDGE COURT CHAPEL HILL 27514 DUKE	PTH AC 79 79 85 919 286-0411	DANIEL, JOHN THOMAS, JR. 415 DUNSTAN STREET DURHAM 27707 HOWARD U	GS AC 64 64 72 919 682-7378
COLE, TOLLIE BOYCE BOX 3805, DUMC DURHAM 27710 U OF NC	OTO AC 62 62 69 919 684-6819	CRANE, GEORGE LEVERING 1200 BROAD STREET DECEASED - 3-23-87 DURHAM 27705 CORNELL U	IM L 40 42 47	DANIS, MARION UNC DEPT. OF MEDICINE 5025-A OLD CLINIC BLDG. CHAPEL HILL 27514 U OF CHICAGO	IM AC 75 78 86 919 966-2276
COLEMAN, RALPH EDWARD DUMC, DEPT. OF RADIOLOGY DURHAM 27710 WASHINGTON U	NM AC 68 68 83 919 681-5454	CRANE, GEORGE WILLIAM, JR. 1200 BROAD STREET DURHAM 27705 NORTHWESTERN U	D AC 46 49 49 919 286-7903	DAVIDSON, ROBERT CLABAUGH BOX 2718, DUMC DURHAM 27710 DUKE	S 89 00 86 919 383-5047
COLES, DEBRA LYNN 212 MCCAULEY ST. 1-B CHAPEL HILL 27514 U OF NC	FP S 88 00 85 919 968-1909	CRANE, LARRY MARTIN 24 CHANCERY PLACE DURHAM 27707 BAYLOR	DR AC 68 68 74 919 470-5289	DAVIS, JAMES EVANS 2609 N. DUKE ST., STE. 402 DURHAM 27704 U OF PENN	GS /TS AC 43 43 51 919 471-8439
COLEY, ELWOOD BROGDEN 3500 WESTGATE DR. STE.701 DURHAM 27707 U OF PENN	PD AC 52 52 55 919 493-8608	CROMARTIE, WILLIAM JAMES 804 FLOB 23L-H/DEPT.MIC.& IMMU UNC SCHOOL OF MEDICINE CHAPEL HILL 27514 EMORY U	ID L 37 37 43 919 966-5925	DAVIS, JAMES NORMAN V. A. MEDICAL CTR., NEUROLOGY DURHAM 27705 CORNELL U	N AC 65 65 84 919 286-6956
COLEY, SILAS BODIE, JR. 815 KENMORE ROAD CHAPEL HILL 27514 U OF NC	P /N AC 65 65 69 919 929-0326	CROOM, ROBERT DEVANE, III NCMH, DEPT. OF SURGERY CHAPEL HILL 27514 U OF NC	GS AC 64 64 74 919 966-4416	DAVIS, KEITH ALAN 102 RAINBOW DR. CARRBORO 27510 U OF NC	S 88 00 86 919 968-1728
COLLIER, ALBERT MILFORD UNC, 535 CLINICAL SCIENCE BLDG CHAPEL HILL 27514 U OF MIAMI	PD /ID AC 63 63 72 919 966-2331	CROSS, ALAN WHITTEMORE CLINICAL SCIENCES BLDG. UNC, DEPT. OF PEDIATRICS CHAPEL HILL 27514 COLUMBIA U	PD /GPM AC 70 75 80 919 962-1136	DAVIS, WALTER ETHELLES 1830 HILLANDALE ROAD DURHAM 27705 DUKE	ON /HEM AC 66 66 75 919 383-5531
COOK, DAVID MARTIN 117 OAK ST. CARRBORO 27510 U OF NC	S 90 00 87 919 968-9933	CROW, LAURA LOMAX 202 TALLYHO TRAIL CHAPEL HILL 27514 U OF NC	R 85 85 84 919 966-4131	DAWSON, ROBERT EDWARD 512 SIMMONS STREET DURHAM 27701 MEHARRY MED COLL	OPH AC 43 43 69 919 682-7175
COOK, PERRY FLETCHER 2306 WILSON STREET DURHAM 27705 DUKE	S 80 00 85 919 286-2389	CRUTCHER, KENNETH L. 1005 ALABAMA AVE. DURHAM 27705 DUKE	R 84 85 87 919 286-7574	DE ANGELIS, WASHINGTON JULIO 1001 S. HAMILTON ROAD CHAPEL HILL 27514 U OF URUGUAY	FP /DIA AC 59 59 71 919 968-4551
COOK, WESLEY ALLEN, JR. DUMC, DIV. OF NEURO-SURGERY DURHAM 27710 U OF OREGON	NS AC 63 63 72 919 684-3582	CULTON, YANCEY GOELET, JR. 2609 N. DUKE ST. STE. 503 DURHAM 27704 DUKE	GYN AC 56 56 68 919 471-6832	DE JUAN, EUGENE, JR. BOX 3802, DUKE EYE CENTER DURHAM 27710 U OF SOU ALA	OPH AC 79 80 85 919 684-5631
COONRAD, RALPH WOODWARD 1828 HILLANDALE ROAD DURHAM 27705 DUKE	ORS /HS AC 47 50 55 919 286-1249	CUNANAN, ANNE REGINA 102 DUNEDIN CT. CARY 27511 U OF NC	S 88 00 85 919 467-0307	DEES, JOHN ESSARY DUKE HOSPITAL DURHAM 27710 U OF VIRGINIA	U L/RT 33 33 40 919 684-6928
COOPER, HERBERT A. UNC, DEPT. OF PEDIATRICS BURNETTE-WOMACK BLDG. 229-H CHAPEL HILL 27514 U OF KANSAS	PHO /CLP AC 64 65 76 919 966-1178	CURNES, JOHN TAYLOR UNC DEPT. OF RADIOLOGY CHAPEL HILL 27514 TULANE U	R AC 78 78 86 919 966-3084	DEES, SUSAN COONS BOX 2913, DUMC DURHAM 27710 JOHNS HOPKINS	PDA /PD L 34 34 41 919 684-2933
COOPER, RANDOLPH A. S. #6 LANDOVER CT. DURHAM 27713 DUKE	IM /HEM S 87 00 85 919 489-5643	CUTSON, TONI MICHELE #9 GORHAM PLACE DURHAM 27705 MED COLL OF VA	FP /IM AC 80 81 85	DENNY, FLOYD WOLFE, JR. BOX 3, WING D, 208-H UNC SCHOOL OF MEDICINE CHAPEL HILL 27514 VANDERBILT U	PD /ID AC 46 61 61 919 962-1136
COPPRIDGE, ALTON JAMES 923 BROAD STREET DURHAM 27705 U OF VIRGINIA	U AC 53 53 59 919 286-1297	CUTTINO, JOHN TINDAL, JR. UNC, DEPT. OF RADIOLOGY CHAPEL HILL 27514 U OF NC	R AC 71 71 79 919 966-3084	DEWALT, JOSEPH LEO IRIS LANE CHAPEL HILL 27514 U OF NC	IM /ORS AC 54 54 59 919 966-2281
CORLEY, MARK R. 2300 KATI COURT, STE. C SHELTON, WVA 98584 U OF TEXAS	OPH R 83 00 87	D'ERCOLE, AUGUSTINE J. BURNETT-WOMACK BLDG. 229-H UNC, DEPT. OF PEDIATRICS CHAPEL HILL 27514 GEORGETOWN U	PDE /NPM AC 69 69 79 919 966-4435	DIMMIG, THOMAS A. 2609 N. DUKE ST. DURHAM 27704 DUKE	ORS AC 76 77 84 919 471-8431

32. DURHAM-ORANGE COMPONENT SOCIETY (Continued)

DINAPOLI, RAPHAEL JOSEPH, JR. 1985 UMSTEAD DR. DIV. OF MEDICAL ASSISTANCE RALEIGH 27603 DOWNSTATE ME CTR	PH/AM AC 59 64 81	EDELBERG, JAY MARSHALL BOX 2730, DUMC DURHAM 27710 DUKE	S 89 00 85	FISCHER, NEWTON D. UNC SCHOOL OF MEDICINE CHAPEL HILL 27514 U OF TEXAS	MFS/OTO AC 45 52 52
DINGFELDER, JAMES RAY 700 EASTOWNE DR., STE. 200 CHAPEL HILL 27514 JEFFERSON	OBG AC 65 66 72	EDKINS, PATRICIA TEAGUE RT. #4, BOX 357 CHAPEL HILL 27514 U OF NC	TR AC 80 81 78	FISHER, SAMUEL RANKIN BOX 3805, DUMC DURHAM 27710 DUKE	HNS/OTO AC 75 75 82
DINOME, ANTHONY JOSEPH, JR. 27 12TH AVE. SEA CLIFF, NY 11579 U OF NC	S 87 00 86	EHLE, ALBERT LAWRENCE UNC, 751 BURNETT-WOMACK CHAPEL HILL 27514 U OF WASHINGTON	N AC 67 72 83	FITCH, ROBERT DOUGLAS BOX 2911, DUMC DURHAM 27710 DUKE	ORS/PDS AC 76 82 85
DONOHUE, JAMES FRANCIS UNC, 724 BURNETT-WOMACK CHAPEL HILL 27514 MED SCH-UMDNJ	PUD/IM AC 69 69 84	EIFRIG, DAVID ERIC UNC, DEPT. OF OPHTHALMOLOGY CHAPEL HILL 27514 JOHNS HOPKINS	OPH AC 60 60 80	FLANAGAN, BRIAN FRANCIS 618 MOREHEAD AVE. APT. #1 DURHAM 27707 DUKE	S 89 00 86
DOUGLAS, W. LADELL 2609 CARVER STREET DURHAM 27704 GEORGETOWN U	PD/ADL AC 74 76 82	ELKORDY, MAHA ABDUL-HAFEZ 12E SHARON HEIGHTS CHAPEL HILL 27514 U OF NC	S 88 00 84	FLEMING, WILLIAM LEROY UNC, DEPT. OF FAMILY MED. CHAPEL HILL 27514 VANDERBILT U	GPM/IM L/RT 32 32 40
DOWNES, THOMAS WM. 3-C ESTEA PARK CARRBORO 27510 U OF NC	S 90 00 86	ENRIGHT, KATHERINE ANNE BOX 3099, DUMC DURHAM 27710 DUKE	IM R 85 85 84	FLETCHER, JOHN DAVID 5244 INVERNESS DRIVE DURHAM 27712 U OF VIRGINIA	PH/PD AC 59 60 64
DRAFFIN, RICHARD MARION 3643 N. ROXBORO STREET DURHAM 27704 DUKE	PTH AC 75 77 83	ESTES, EDWARD HARVEY, JR. 407 CRUTCHFIELD ST. DURHAM 27704 EMORY U	IM/CD AC 47 53 53	FLETCHER, ROBERT HILLMAN UNC, DEPT. OF MEDICINE CHAPEL HILL 27514 HARVARD	IM/PH AC 66 68 79
DROEGEMUELLER, WILLIAM 908 WOODBINE DR. CHAPEL HILL 27514 U OF COLORADO	GYN AC 60 61 85	EVANS, JOSEPHINE ADAMSON 1010 DEMERIUS ST. DURHAM 27701 DUKE	S 89 00 86	FLETCHER, SUZANNE WRIGHT UNC, DEPT. OF MEDICINE CHAPEL HILL 27514 HARVARD	IM/PH AC 66 66 79
DROSSMAN, DOUGLAS ARNOLD UNC, 324 CLINICAL SCIENCE BLDG CHAPEL HILL 27514 ALBERT EINSTEIN	GE/PYM AC 70 71 79	FAIRCHILD, KAREN DIANE 4012 HILLGRAND DR. DURHAM 27705 DUKE	S 89 00 85	FLICK, CONRAD L. BOX 2734, DUMC DURHAM 27710 DUKE	S 89 00 86
DRUCKER, JOAN LIVERSIDGE 3909 HOPE VALLEY RD. DURHAM 27707 U OF VIRGINIA	ID AC 80 80 83	FALLETTA, JOHN MATTHEW BOX 2916, DUMC DURHAM 27710 U OF KANSAS	PHO AC 66 67 79	FLOREK, GERY KENT BOX 3963, DUMC DURHAM 27710 NORTHWESTERN U	N/ON R 82 82 87
DUDLEY, R. ADAMS 1315 MORREENE RD. APT. 20-B DURHAM 27705 DUKE	S 90 00 87	FARMER, JOSEPH C., JR. DUKE, DEPT. OF SURGERY DURHAM 27710 DUKE	OTO/OT AC 62 62 70	FLOYD, WALTER LAWRENCE BOX 2997, DUMC DURHAM 27710 JOHNS HOPKINS	CD/IM AC 54 56 59
DUNPHY, DONAL LEO UNC, DEPT. OF PEDIATRICS CHAPEL HILL 27514 YALE	PD AC 44 45 74	FARMER, THOMAS WOHLSEN UNC SCHOOL OF MEDICINE 751 BURNETT-WOMACK BLDG 229-H CHAPEL HILL 27514 HARVARD	N/IM L 41 52 52	FORDHAM, CHRISTOPHER C., III UNC, 103 SOUTH BLDG. 005-A CHAPEL HILL 27514 HARVARD	IM/NEP AC 51 51 72
DUTTON, JONATHAN JOSEPH BOX 3802, DUKE EYE CENTER DURHAM 27710 WASHINGTON U	OPH/ON AC 77 77 83	FEESER, SCOTT ALAN 4800 UNIVERSITY DR. #27E DURHAM 27707 DUKE	S 90 00 87	FORMAN, MARK STUART 910 CONSTITUTION APT. 717 DURHAM 27705 DUKE	S 89 00 85
DYKE, CORNELIUS MCKOWN BOX 2722, DUMC DURHAM 27710 DUKE	S 87 00 85	FERGUSON, BERRYLIN JUNE 2620 MCDOWELL ST. DURHAM 27705 DUKE	OTO R 80 85 85	FOSTER, WILLIAM LEICESTER, JR. DUMC, DEPT. OF RADIOLOGY DURHAM 27710 DUKE	R AC 74 74 80
EARNHARDT, RICHARD CRAIG 2836 CHAPEL HILL RD. APT. 30-B DURHAM 27707 DUKE	S 89 00 85	FERGUSON, GEORGE BURTON 1110 W. MAIN STREET DURHAM 27701 JEFFERSON	OTO L 32 32 38	FOULKS, GARY NEAL BOX 3802, DUKE UNIV. EYE CTR. DURHAM 27710 COLUMBIA U	OPH AC 70 71 78
EARP, HENRY SHELTON, III UNC, DEPT. OF MEDICINE CHAPEL HILL 27514 U OF NC	END/IM AC 70 71 79	FERNALD, GERALD WALLACE N. C. MEMORIAL HOSPITAL CHAPEL HILL 27514 U OF NC	PD/ID AC 60 60 68	FOWLER, JOHN ALVIS 2721 SPENCER ST. DURHAM 27705 BOWMAN GRAY	PYA/CHP AC 46 46 54
EASLEY, ELEANOR BEAMER 141 CAROL WOODS CHAPEL HILL 27514 DUKE	GYN/OBS L/RT 34 40 40	FETTER, BERNARD FRANK DUKE UNIV. MEDICAL CENTER DURHAM 27710 DUKE	PTH AC 44 44 53	FOX, ELISABETH JUNE BOX 3083, DUMC DURHAM 27710 U OF LONDON	AN AC 55 67 78
EASON, PAUL RICHARD 1201-A HOLLOWAY LANE CHAPEL HILL 27514 U OF NC	S 88 00	FILLIPO, DREW CRAIG 311 E. PATTERSON PLACE CHAPEL HILL 27514 U OF NC	S 89 00 85	FRANCE, RANDAL DENNIS DUMC, DEPT. OF PSYCHIATRY DURHAM 27710 U OF TEXAS	P/PYM AC 73 76 79
EASTERLING, WILLIAM E., JR. UNC SCHOOL OF MEDICINE CHAPEL HILL 27514 U OF NC	GYN/END AC 56 56 64	FILSTON, HOWARD CHURCH BOX 3815, DUMC DURHAM 27710 CASE WESTERN RES	PDS/GS AC 62 62 78	FRANK, JAMES LAWRENCE 1828 HILLANDALE ROAD DURHAM 27705 DUKE	ORS AC 65 65 73
EATON, ALEXANDER MELLON BOX 2723, DUMC DURHAM 27710 DUKE	S 87 00 85	FINESTONE, DOUGLAS HOWARD BOX 3889, DUMC DURHAM 27710 MED COLL OF VA	PYM/PYA AC 79 79 80	FREEMAN, DAVID FRANKLIN ASHE PLACE CHAPEL HILL 27514 BOWMAN GRAY	PYA/CHP AC 51 61 61
EBELING, JAMES GERARD 3742 SWARTHMORE RD. DURHAM 27707 DUKE	IM R 85 00 82	FISCHER, JANET JORDAN N. C. MEMORIAL HOSPITAL CHAPEL HILL 27514 JOHNS HOPKINS	ID/IM AC 48 52 52	FRICK, DONNA ELLIOTT 109 CONNER DR., BLDG #3, STE. 203 CHAPEL HILL 27514 U OF NC	P AC 74 74 85

32. DURHAM-ORANGE COMPONENT SOCIETY (Continued)

FRIED, FLOYD ALAN UNC, DEPT. OF SURGERY CHAPEL HILL 27514 U OF CHICAGO	U AC 61 61 71 919 966-2571	GARRETT, WILLIAM ELWOOD, JR. BOX 3435, DUMC DURHAM 27710 DUKE	ORS AC 76 82 83 919 684-6658	GOETZL, UGO 1830 HILLANDALE ROAD DURHAM 27705 NEW YORK MED COL	N/P AC 68 77 80 919 383-5531
FRIED, MICHAEL DAVID CONNER DRIVE PROF. BUILDING CHAPEL HILL 27514 NEW YORK U	OBG AC 71 73 77 919 544-3591	GARTRELL, DOUGLAS MERVYN 714 PARK RIDGE RD. APT. B-7 DURHAM 27713 DUKE	S 87 87 85 919 489-0477	GOLBY, MARY BLUE 904 BROAD STREET DURHAM 27705 GEO WASHINGTON U	IM AC 53 54 59 919 286-4900
FRIEDBERG, R. C. 1622 DELAWARE ST. DURHAM 27705 DUKE	S 88 00 83 919 286-3909	GATES, LAWRENCE KEITH, JR. 1710 VISTA DURHAM 27701 DUKE	IM R 86 00 83 919 471-0705	GOLDBERG, JOEL STEVEN RT. #1, BOX 2602 HILLSBOROUGH 27278 DUKE	AN AC 77 78 83 919 443-2125
FRIEDMAN, ALLAN HOWARD BOX 3807, DUMC DURHAM 27710 U OF ILLINOIS	NS AC 74 80 81 919 681-6421	GEARY, LEON WALLACE 2609 N. DUKE ST., STE. 504 DURHAM 27704 TEXAS TECH U	PUD /A AC 75 75 82 919 471-4466	GOLDBERG, MARC ANDREW BOX 2860, DUMC DURHAM 27710 DUKE	S 88 00 84 919 383-8675
FRIEDMAN, MITCHELL DIV. OF PULMONARY DISEASES UNC, DEPT. OF MEDICINE CHAPEL HILL 27514 U OF MIAMI	PUD /IM AC 69 69 77 919 966-2532	GEORGIADIS, GREGORY S. BOX 3960, DUMC DURHAM 27710 DUKE	PS /GS AC 74 73 78 919 684-3039	GOLDNER, JOSEPH LEONARD BOX 3706, DUMC DURHAM 27710 U OF NEBRASKA	ORS /HS AC 43 50 50 919 684-2628
FROHBOSE, FREDERICK ALEXANDER RT. #1, BOX 93-E CHAPEL HILL 27514 U OF NC	S 89 00 85 919 929-3592	GEORGIADIS, NICHOLAS GEORGE BOX 3098, DUMC DURHAM 27710 DUKE	PS AC 50 51 54 919 684-2854	GOLDNER, RICHARD DOUGLAS BOX 3480, DUMC DURHAM 27710 DUKE	ORS /HS AC 74 74 84 919 684-6461
FROTHINGHAM, THOMAS ELIOT BOX 3937, DUMC DURHAM 27710 HARVARD	PD /ID AC 51 55 74 919 684-6870	GERATZ, JOACHIM DIETER UNC, DEPT. OF PTH, BBB 228-H CHAPEL HILL 27514 J.W. GOETHE UNIV.	PTH AC 53 59 60 919 966-4294	GOTTLIEB, JUSTIN L. 3222 COACHMAN'S WAY DURHAM 27705 DUKE	S 90 00 86 919 489-7372
FRUCHT, DAVID MARTIN 38-C DUKE MANOR APTS. DURHAM 27705 DUKE	S 90 00 87 919 286-4515	GERBE, RONALD WILLIAM 109 CONNER DR. CHAPEL HILL 27514 U OF NC	OTO /HNS AC 76 76 82 919 967-5599	GOTTSCALK, CARL WILLIAM N. C. MEMORIAL HOSPITAL CHAPEL HILL 27514 U OF VIRGINIA	IM /NEP AC 45 52 52 919 966-4567
FRY, TERRY LENTZ UNC, 610 CLINICAL SCI. 229-H CHAPEL HILL 27514 U OF NC	OTO /HNS AC 73 74 80 919 966-3341	GESZLER, GERIANNE 5238 N. WILLOWHAVEN DR. DURHAM 27712 DUKE	OBG R 85 00 82 919 489-6008	GOULSON, DAN T. C-1 FENWAY COURT CARRBORO 27510 U OF NC	S 89 00 85 919 920-2128
FULLER, CORODON S., JR. RT. #1, BOX 61 MORAVIAN FALLS 28654 LA STATE U	PH /GP L/RT 49 50 56 919 838-3334	GIANTURCO, DANIEL THOMAS 2925 FRIENDSHIP ROAD DURHAM 27705 ST U OF NY-BUFF	P AC 60 66 67 919 684-4335	GRAHAM, JOHN BORDEN UNC SCHOOL OF MEDICINE CHAPEL HILL 27514 CORNELL U	PTH /HEM L/RT 42 42 47 919 966-4318
FUNCIK, THOMAS 237-D JACKSON CIRCLE ODUM VILLAGE CHAPEL HILL 27514 U OF NC	S 89 00 85 919 933-6737	GIBSON, JAMES BRUCE 1500 DUKE UNIV. RD., APT. A-2-A DURHAM 27701 DUKE	S 88 00 79 919 684-4335	GRAHAM, WILLIAM ALEXANDER 2247 CRANFORD ROAD DURHAM 27706 U OF PENN	OBG L/RT 32 32 37 919 489-5214
FURMAN, JEFFREY WILLIAM 110 S. ESTES DR. CHAPEL HILL 27514 U OF CINCINNATI	FP /HYP AC 78 80 85 919 967-8291	GIFFORD, ALLEN LOTHROP 615-A HIBBARD DR. CHAPEL HILL 27514 U OF NC	S 89 00 85 919 933-5893	GRANGER, RONALD EUGENE 1821 GREEN STREET DURHAM 27705 U OF CA-IRVINE	OBG AC 77 78 83 919 286-1250
GABRIEL, DON ALEXANDER UNC, DIV. OF HEM/ONCOLOGY CHAPEL HILL 27514 U OF NC	HEM /IM AC 72 72 81 919 966-4431	GILGOR, ROBERT SAMUEL 891 WILLOW DRIVE CHAPEL HILL 27514 U OF PENN	D AC 62 62 69 919 942-3106	GRANT, JOHN PALMER BOX 3105, DUMC DURHAM 27710 U OF CHICAGO	GS /NTR AC 69 78 79 919 684-3314
GAGLIANO, MARTHA ELLEN 827 LOUISE CIRCLE DURHAM 27705 DUKE	PD R 82 85 87 919 383-1882	GILMER, PETER WINSTON 2609 N. DUKE ST. DURHAM 27704 U OF VIRGINIA	ORS AC 80 82 86 919 471-8431	GRAY, MARY JANE UNC STUDENT HEALTH SERVICE CHAPEL HILL 27514 WASHINGTON U	OBG AC 49 49 77 919 966-2281
GALL, STANLEY ADOLPH, JR. 2907 MONROE AVE. DURHAM 27707 DUKE	S 87 00 85 919 489-3621	GIOANNINI-BROWN, CAROL ANN 5009 N. GLEN DRIVE RALEIGH 27609 ST LOUIS U	PTH AC 70 70 85 919 470-4000	GRAY, TIMOTHY KENNEY UNC, DEPT. OF MEDICINE CHAPEL HILL 27514 U OF MARYLAND	END /IM AC 65 65 71 919 966-3336
GALLIS, HARRY ANTHONY BOX 3306, DUKE HOSPITAL DURHAM 27710 DUKE	ID /IM AC 67 67 82 919 684-3279	GIRAGOS, JOHN G. 20 W. COLONY PLACE APT. 260 DURHAM 27705 AMER. U OF BEIRUT	P /PYA AC 63 63 75 919 493-1810	GREEN, ROBERT LEE, JR. FALSTAFF ROAD HOLLY HILL HOSPITAL RALEIGH 27610 HAHNEMANN	P /N AC 46 56 80 919 755-1840
GALUMBECK, MATTHEW ALAN BOX 2883, DUMC DURHAM 27710 DUKE	S 87 00 84 919 286-1217	GITELMAN, HILLEL JONATHAN N. C. MEMORIAL HOSPITAL CHAPEL HILL 27514 U OF ROCHESTER	NEP /IM AC 58 66 67 919 966-2561	GREENE, WALTER BLAIR UNC, 237 BURNETT-WOMACK CHAPEL HILL 27514 U OF NC	ORS AC 72 72 79 919 966-3691
GAMMON, WALTER RAY 404 WHITEHEAD CIRCLE CHAPEL HILL 27514 U OF NC	D AC 71 71 86 919 966-3322	GLASS, PETER STANLEY A. BOX 3094, DUMC DURHAM 27710 U-WITWATERSRAND	AN AC 76 77 86 919 684-5045	GREENFIELD, JOS. C., JR. BOX 3246, DUMC DURHAM 27710 EMORY U	IM /CD AC 56 57 83 919 681-6147
GARFUNKEL, JOSEPH MORRIS 229 HUNTINGTON DR. CHAPEL HILL 27514 TEMPLE U	PD AC 48 49 85 919 966-5215	GLASSON, JOHN 2609 N. DUKE ST. DURHAM 27704 CORNELL U	ORS AC 43 51 51 919 471-8431	GREENWOOD, ROBERT SAMUEL UNC, 751 CLINICAL SCI. 229-H CHAPEL HILL 27514 U OF TEXAS	CHN /PD AC 68 68 79 919 966-2528
GARRETT, CATHERINE GAELYN 42-J STRATFORD HILLS APTS. CHAPEL HILL 27514 U OF NC	S 88 00 85 919 968-8124	GO, JOAN MAYCHU 4 RIVER BIRCH RD., APT. K DURHAM 27705 DUKE	S 90 00 87 919 383-7019	GREGANTI, MAC ANDREW UNC, DEPT. OF IM CHAPEL HILL 27514 U OF MISSISSIPPI	IM AC 72 72 79 919 966-2276
		GOCKERMAN, JON PAUL DUKE COMP. CARE CTR. P. O. BOX 3877 DURHAM 27710 U OF CHICAGO	ON /HEM AC 67 71 83 919 684-6283	GRIFFITHS, MARIAN FOLSOM ROUTE #8, BOX 65 CHAPEL HILL 27514 TUFTS U	R 82 84 85 919 942-2945

GRIGGS, THOMAS RUSSELL UNC, DEPT. OF MED. & PTH CHAPEL HILL 27514 U OF NC	CD /IM AC 69 69 77 919 966-5207	HALE, LAURA POPE 6512 CRAIG ROAD DURHAM 27712 DUKE	S 90 00 84 919 471-0865	HARMEL, MEREL HILBER BOX 3094, DUMC DURHAM 27710 JOHNS HOPKINS	AN AC 43 43 71 919 684-2945
GRIM, KENNETH BOYD 124 FIRST ST. NW LONG BEACH 28461 U OF VIRGINIA	PTH /CLP L/RT 37 37 53 919 278-9424	HALE, LESLIE MORGAN 110 CONNER DR. STE. #2 CHAPEL HILL 27514 U OF NC	OPH AC 61 61 68 919 942-8701	HARNED, HERBERT SPENCER, JR. UNC SCHOOL OF MEDICINE CHAPEL HILL 27514 YALE	PDC AC 45 58 58 919 966-4601
GRIMES, JOHN HARLIN 2609 N. DUKE ST., STE. 302 DURHAM 27704 NORTHWESTERN U	U AC 65 65 71 919 471-8423	HALE, ROBERT VERNON 110 CONNER DR. STE. #2 CHAPEL HILL 27514 U OF NC	OPH AC 67 67 75 919 942-8701	HARPER, JAMES ROBINSON 891 W. WILLOW DRIVE CHAPEL HILL 27514 U OF NC	IM /CD AC 60 60 67 919 942-5123
GRIMSON, BAIRD SANFORD UNC, 617 CLINICAL SCI. 229-H CHAPEL HILL 27514 DUKE	OPH AC 69 69 77 919 966-5296	HALL, BRUCE LEE #9 GEORGETOWN CT. DURHAM 27705 DUKE	S 88 00 85 919 684-6469	HARRELSON, JOHN MILES BOX 3023, DUMC DURHAM 27710 DUKE	ORS /PTH AC 65 65 71 919 684-5304
GRIMSON, KEITH SANFORD 3313 DEVON ROAD DURHAM 27707 RUSH MED COLL	GS L/RT 34 42 42 919 489-2241	HALL, CHARLES DANIEL 4800 UNIVERSITY DR. 5-B BEECH LAKE APTS. DURHAM 27707 DUKE	S 90 00 86 919 493-0448	HARRIS, CHARLES ODELL 2609-B CARVER STREET DURHAM 27705 U OF NC	OBG AC 79 80 83 919 471-1573
GRISHAM, JOE WHEELER UNC, DEPT. OF PTH-228H CHAPEL HILL 27514 VANDERBILT U	PTH /GE AC 57 57 74 919 966-4678	HALL, COLIN DAVID UNC, DEPT. OF NEUROLOGY CHAPEL HILL 27514 U OF ABERDEEN	N AC 66 73 75 919 966-5522	HARRIS, ISAAC EMERON, JR. 2836 CHAPEL HILL RD. APT. 17F DURHAM 27707 JEFFERSON	CRS L/RT 33 33 39 919 383-5531
GROSS, ANDREW HARRY 71 HOFSTRA DR. PLAINVIEW, NY 11803 U OF NC	S 88 00 85 919 967-0206	HALL, KENNETH DALAND BOX 3094, DUMC DURHAM 27710 DUKE	AN AC 53 55 61 919 684-3591	HARRIS, TYNDALL PEACOCK P. O. BOX 3118 CHAPEL HILL 27514 DUKE	IM AC 50 51 57 919 733-3222
GROSSMAN, HERMAN LEWIS BOX 3834, DUMC DURHAM 27710 COLUMBIA U	PDR /PD AC 53 71 74 919 681-2711	HALPERIN, EDWARD CHARLES BOX 3085, DUMC DURHAM 27710 YALE	TR AC 79 80 84 919 684-3196	HART, LOWELL L. 1012 PROLOGUE ROAD DURHAM 27712 SYRACUSE	ON /HEM AC 80 83 84 919 471-2858
GROSSNICKLE, MARK EARL 3603 CRYSTAL COURT DURHAM 27705 DUKE	S 88 00 84 919 477-8535	HALPERN, EMILY ALYSSA 304 CEDARWOOD LN. CARRBORO 27510 U OF NC	S 88 00 85 919 933-9037	HART, ROBERT ERIC C-5 211 CHURCH ST. CHAPEL HILL 27514 U OF NC	S 89 00 87 919 967-0370
GRUBB, STEPHEN ALLEN 110 S. ESTES DR. CHAPEL HILL 27514 NORTHWESTERN U	ORS AC 74 75 83 919 929-7796	HALVORSEN, ROBERT ALFRED, JR. UNIV. OF MINNESOTA, BOX 292 DEPT. OF RADIOLOGY MINNEAPOLIS, MN 55455 U OF MIAMI	DR AC 74 75 83 919 286-0411	HATCHETT, JOHN FRANKLIN, JR. UNC, 458 CRAIGE DORMITORY CHAPEL HILL 27514 U OF NC	S 87 00 84 919 933-3491
GUAJARDO, CESAR 20 W. COLONY PL., STE. 160 DURHAM 27705 U DE NUEVO LEON	PYA /P AC 61 68 78 919 383-6933	HAMBY, GEORGE WALTERS DOCTOR'S BUILDING, WILLOW DR. CHAPEL HILL 27514 U OF NC	P AC 58 58 65 919 929-6155	HAVOUNDJIAN, HRATCHIA 506 N. GREENSBORO ST., #43 CARRBORO 27510 U OF NC	S 87 00 85 301 654-8309
GUALTIERI, CAMILLO THOMAS UNC, DEPT. OF PSYCHIATRY CHAPEL HILL 27514 COLUMBIA U	P /CHP AC 69 70 77 919 966-5161	HAMMETT, ELLIOTT BRIAN V. A. HOSPITAL DURHAM 27701 DUKE	P AC 66 66 73 919 286-0411	HAWKINS, SARALYN REID BOX 2793, DUMC DURHAM 27710 DUKE	S 90 00 87 919 684-6132
GUITERAS, GEORGE PATRICK 110 S. ESTES DR., SUITE 205 CHAPEL HILL 27514 U OF NC	FP AC 69 69 75 919 967-8291	HAMMOND, CHARLES B. BOX 3853, DUMC DURHAM 27710 DUKE	OBG /END AC 61 61 69 919 684-3008	HAYES, JOHN CHANDLER 8 CEDAR TERRACE CHAPEL HILL 27514 U OF SOU ALA	R 83 00 85 919 929-7743
GUNNELLS, JAMES CAULIE BOX 2991, DUMC DURHAM 27710 MED U OF SC	NEP /IM AC 56 56 79 919 684-5038	HANNA, DONALD PAUL PO BOX 3066 DURHAM 27705 WAYNE STATE U	PS AC 79 82 87 919 383-7975	HAYWARD, JAMES NEIL UNC, 751 CLINICAL SCI. BLDG. CHAPEL HILL 27514 TUFTS U	N AC 54 55 76 919 966-2526
GUNTER, JUNE U. 1411 N. MANGUM STREET DURHAM 27701 JEFFERSON	PTH L/RT 36 36 47 919 688-3457	HANSEN, ALFRED ROY UNC, BURNETT-WOMACK, 229H CHAPEL HILL 27514 U OF IOWA	EM /FP AC 77 77 82 919 966-5643	HEBERT, MARY ELIZABETH 311 S. LASALLE ST. APT. 8-I DURHAM 27705 U OF NC	S 89 00 85 919 383-8780
GUNTER, WM. B., JR. 1821 GREEN ST. DURHAM 27705 EMORY U	OBG AC 82 83 87 919 286-1258	HARDAKER, WILLIAM T., JR. BOX 3956, DUMC DURHAM 27710 DUKE	P AC 73 73 84 919 684-5334	HEDGPETH, EDWARD MCGOWAN P. O. BOX 87 CHAPEL HILL 27514 U OF PENN	IM L/RT 31 31 34 919 933-8794
GUTMAN, ROBERT ALLAN 2609 N. DUKE ST., STE. 604 DURHAM 27704 U OF FLORIDA	NEP /IM AC 62 73 83 919 477-3005	HARDY, JAMES JOSEPH DEPT. OF OB/GYN N. C. MEMORIAL HOSPITAL CHAPEL HILL 27514 U OF NC	R 85 00 82 919 942-7438	HEDGPETH, EDWARD MCGOWAN, JR. 1110 W. MAIN STREET DURHAM 27701 U OF NC	OPH AC 62 62 69 919 682-9341
GWYNNE, JOHN THOMAS 234 HUNTINGTON DRIVE CHAPEL HILL 27514 DUKE	END AC 70 72 81 919 966-3338	HARE, ROY ALLEN 2609 N. DUKE STREET DURHAM 27704 BOWMAN GRAY	IM AC 45 45 50 919 471-8481	HEIZER, WILLIAM DAVID UNC, DEPT. OF MEDICINE CHAPEL HILL 27514 JOHNS HOPKINS	

32. DURHAM-ORANGE COMPONENT SOCIETY (Continued)

HENDRIX, JAMES PAISLEY 925 NEW GARDEN RD. ROOM 803 DECEASED - 1987 GREENSBORO 27410 U OF PENN	IM L 30 30 39 919 489-3281	HOLLAND, GEORGE THOMAS 1511 ROBINHOOD ROAD DURHAM 27701 U OF NC	S 89 00 85 919 682-8733	IRION, JAMES CARNEY RT. #4, BOX 588, HATCH RD. CHAPEL HILL 27514 U OF NC	S 88 00 86 919 967-7729
HENLEY, NANCY S. 3500 WESTGATE DR., STE. 705 DURHAM 27707 U OF NC	IM AC 82 83 84 919 493-8600	HOLLENBERG, BENNETT R. 2516-6 CRANBROOK LANE CHARLOTTE 28207 INDIANA U	DR R 81 85 86	ISAACS, KIM LUISE 103 POLK'S TRAIL CHAPEL HILL 27514 U OF NY-ST BROOK	IM R 84 85 84 919 968-1597
HERBERT, WILLIAM, N.P. UNC, OB-GYN DEPARTMENT CHAPEL HILL 27514 BOWMAN GRAY	OBG/NPM AC 72 74 79 919 966-1601	HOLLISTER, WILLIAM GRAY 2008 N. LAKESHORE DRIVE CHAPEL HILL 27514 U OF NEBRASKA	P/GPM L/RT 41 65 67 919 966-5277	IVES, DONALD LELAND 303-B MASON FARM RD. CHAPEL HILL 27514 U OF NC	S 89 00 85 919 929-4303
HERBST, CHARLES ARTHUR, JR UNC, 136 BURNETT-WOMACK 229-H CHAPEL HILL 27514 U OF MISSISSIPPI	GS/CRS AC 67 67 74 919 966-5231	HOOLE, AXALLA JOHN UNC, BOX #2, BLDG. 226-H CHAPEL HILL 27514 MED U OF SC	IM AC 64 64 73 919 966-2276	IZLAR, HENRY LEROY, JR. 306 S. GREGSON STREET DURHAM 27701 DUKE	IM/CD AC 48 53 55 919 682-5562
HERFKENS, ROBERT JOHN BOX 3808, DUMC MRI SECTION DURHAM 27710 LOYOLA U	DR AC 74 75 87 919 681-2711	HOOTEN, JAMES PHILMON, JR. 3535 APOLLO DR. APT. J-213 METAIRE, LA 70003 U OF NC	ORS S 87 00 85	JABLONOVER, MICHAEL RICHARD 1915 YEARBY ST., APT. G DURHAM 27705 DUKE	S 89 00 86 919 684-5681
HERION, JOHN CARROLL N. C. MEMORIAL HOSPITAL CHAPEL HILL 27514 HARVARD	HEM/IM AC 53 53 57 919 966-4555	HOOTEN, MARK TAYLOR 205-D BOLINWOOD APTS. 500 UMSTEAD CHAPEL HILL 27514	S 90 00 87 919 763-0940	JABLONOVER, ROBERT STEPHAN 136-A PUREFOY ROAD CHAPEL HILL 27514 U OF NC	S 89 00 86 919 968-0098
HERLONG, JAMES RENE 618 MOREHEAD AVE. #1 DURHAM 27707 DUKE	S 89 00 85 919 688-8011	HOWARD, JAMES FRANCIS, JR. UNC, 751 CLINICAL SCI. 229-H CHAPEL HILL 27514 U OF VERMONT	N AC 74 74 80 919 966-5522	JANOWSKY, DAVID S. UNC, DEPT. OF PSYCHIATRY 231 MEDICAL SCH. WING B 207H CHAPEL HILL 27514 U OF CALIF-LA	P AC 64 64 87 919 966-4738
HERRINGTON, ROBERT THOMAS N. C. MEMORIAL HOSPITAL CHAPEL HILL 27514 U OF WASHINGTON	PD/PDC AC 57 59 68 919 966-4601	HOYLE, ROBERT MARK ROUTE #4, BOX 69A RUTHERFORDTON 28139 U OF NC	S 88 00 84 704 286-3335	JASMINE, MARK SCOTT 88 OAK LEAF LANE CHAPEL HILL 27514 HARVARD	ORS R 82 84 86 919 942-2128
HERSHATTER, BRUCE WARREN 315 BLVD., NE GEORGIA BAPTIST MEDICAL CTR. ATLANTA, GA 30312 TULANE U	TR AC 82 82 85	HUBBERT, LEROY KARL 3234-D CALUMET DR. RALEIGH 27610 U OF NC	S 90 00 87 919 755-0348	JECK, LIDA MORAWETZ 800 EASTOWNE DR., STE. 204 CHAPEL HILL 27514 DUKE	P AC 77 81 82 919 493-5329
HERZOG, WILLIAM RAYMOND, JR. 4320 AMERICAN DR., APT. A DURHAM 27705 DUKE	IM R 82 85 85 919 383-8847	HUDSON, EDWARD VALENTINE 1830 HILLANDALE ROAD DURHAM 27705 BOWMAN GRAY	OTO AC 62 62 73 919 383-5531	JEFFRIES, JENNIFER JEAN 2877 HOSPITAL SOUTH, DUMC DURHAM 27710 DUKE	S 88 00 86 919 286-9385
HEYMAN, ALBERT BOX 3203, DUMC DURHAM 27710 U OF MARYLAND	N/IM L 40 54 55 919 684-2682	HUDSON, WILLIAM RUCKER DUKE UNIV. MED. CTR. DURHAM 27710 BOWMAN GRAY	OTO AC 51 51 53 919 684-3834	JENNINGS, ROBERT BURGESS BOX 3712, DUMC DURHAM 27710 NORTHWESTERN U	PTH/CLP AC 50 50 76 919 684-3528
HIDALGO, HECTOR JESUS 2609 N. DUKE ST. DURHAM 27704 GEO WASHINGTON U	DR AC 76 77 85 919 471-8411	HUDSPETH, DUDLEY ALLEN 102 ECHO GLEN DR. E-4 WINSTON-SALEM 27106 U OF NC	S 87 00 84 919 724-6189	JOHNSON, GEORGE, JR. UNC, DEPT. OF SURGERY 229-H CHAPEL HILL 27514 CORNELL U	VS/CDS AC 52 52 59 919 966-3391
HILLERY, CHERYL ANN 1418 VALLEY RUN DURHAM 27707 DUKE	R 84 00 84 919 489-1601	HUFFINES, WILLIAM DAVIS UNC, 314 BERRYHILL HALL 219-H CHAPEL HILL 27514 U OF NC	PTH/GP AC 55 55 60 919 966-1134	JOHNSON, MICHAEL DONALD RT. #5, BOX 358-GA CHAPEL HILL 27514 U OF NC	S 88 00 86 919 929-9775
HINN, ALBERT RICHARD 1453-B CAMERON CT. WILMINGTON 28401 U OF NC	S 87 00 86 919 967-7511	HUGHES, JACK 923 BROAD STREET DURHAM 27705 U OF PENN	U AC 43 43 50 919 286-1297	JOHNSTON, WILLIAM WEBB BOX 3712, DUMC DURHAM 27710 DUKE	PTH AC 59 59 71 919 684-3587
HOBART, SETH GUILFORD, JR. 1830 HILLANDALE ROAD DURHAM 27705 U OF VIRGINIA	HNS/MFS AC 50 55 55 919 383-5531	HULKA, JAROSLAV FABIAN UNC, DEPT. OF OB-GYN CHAPEL HILL 27514 COLUMBIA U	OBG/OBS AC 56 67 67 919 966-5287	JONES, CONSTANCE CARPENTER 415 PRINCE CROSSING 0-5 WEST CHICAGO, IL 60185 U OF NC	S 87 00 86 919 968-0023
HODGINS, LEWIS ROGER 33 LANSGATE COURT DURHAM 27713 DOWNSTATE ME CTR	AN R 85 86 86 919 544-2781	HURWITZ, BARRIE J. BOX 3184, DUMC DURHAM 27710 U-WITWATERSRAND	N/IM AC 68 69 84 919 684-4126	JONES, JAMES DAVID BOX 3115, DUMC DURHAM 27710 DUKE	CHP/PD AC 54 55 63 919 684-2372
HOFFMAN, JEFFREY DALE 214 HAMLIN PARK CHAPEL HILL 27514 U OF NC	S 89 00 85 919 968-7604	HYER, RANDALL NELMS 1001 NORWOOD AVE. DURHAM 27707 DUKE	S 91 00 85 919 383-8602	JONES, JOSEPH KEMPTON 1001 S. HAMILTON ROAD CHAPEL HILL 27514 DUKE	FP AC 46 50 50 919 968-4551
HOFFMAN, KRISTINA MARIE 13-B TARAWA TERRACE DURHAM 27705 DUKE	S 88 00 86 919 383-9290	IBRAHIM, GEORGE KAISSAR 11 WILLOWBRIDGE DR. #80 DURHAM 27707 DUKE	S 88 00 85 919 493-3695	JONES, MORRIS ALEXANDER, JR. 3643 N. ROXBORO ST. DURHAM 27704 U OF NC	R AC 59 59 65 919 471-3411
HOFFMAN, RUTH STERLING UNC STUDENT HEALTH SERVICE CHAPEL HILL 27514 TULANE U	IM AC 58 58 77 919 966-2281	IGLEHART, JAMES DIRK BOX 3873, DUMC DURHAM 27710 HARVARD	GS/TS AC 75 78 86 919 684-6133	JONES, THOMAS THWEATT 1202 ARNETT DURHAM 27707 JOHNS HOPKINS	GP L/RT 32 34 35 919 489-2115
HOFFMAN, THEODORE FREDERICK, JR ROUTE #4, BOX 286 HILLSBOROUGH 27278 U OF NC	AN AC 78 81 83 919 470-6180	INGE, WELLFORD W., III 311 S. LASALLE ST. APT. 37B DURHAM 27705 DUKE	S 90 00 86 919 286-3311	JORDAN, THOMAS E. 39 GEORGETOWN COURT DURHAM 27705 U OF MARYLAND	OTO R 84 84 87 919 684-6968
		IRIGARAY, PETER JOSEPH JOHN UMSTEAD HOSPITAL BUTNER 27509 NAT U OF MEXICO	P AC 55 57 64 919 575-7092	JOSEPH, MICHAEL C. 5716 GENESSEE DR. DURHAM 27712 U OF CALIFORNIA	PD AC 76 77 86 919 471-3278

32. DURHAM-ORANGE COMPONENT SOCIETY (Continued)

JOYNER, RAYMOND EDWARD 923 BROAD STREET DURHAM 27705 BOWMAN GRAY	U AC 68 68 76	KILEFF, MOYRA ELEANOR 403 CLAYTON ROAD CHAPEL HILL 27514 HUGGINS MED SCH	AN AC 73 74 83	LASSITER, WILLIAM EDMUND UNC SCHOOL OF MEDICINE CHAPEL HILL 27514 HARVARD	NEP /IM AC 54 54 60
JOYNER, WILLIAM STAFFORD 1001 S. HAMILTON ROAD CHAPEL HILL 27514 HARVARD	FP AC 52 52 54	KILLAM, ALLEN PAGE 4044 NOTTAWAY DURHAM 27707 U OF TEXAS	OBG /NPM AC 60 60 83	LATIMER, HARRISON A. APT. F-8, CAMELOT VILLAGE CHAPEL HILL 27514 U OF NC	S 90 00 86
JURIVICH, DONALD ALBERT 508 FULTON ST. DURHAM 27710 CHICAGO CO OM	IM /GER R 82 82 86	KING, LOWELL RESTELL BOX 3831, DUMC DURHAM 27710 JOHNS HOPKINS	U /PD AC 56 56 82	LAWRENCE, THOMAS EARL K-8 TAR HEEL MANOR APTS CARRBORO 27510 U OF NC	S 87 00 84
JUST, PETER WITHAM ROUTE #3, BOX 157 CHAPEL HILL 27514 U OF CONNECTICUT	AN R 84 85 85	KING, ROBERT THOMAS, III BOX 2879, DUMC DURHAM 27710 DUKE	S 88 00 84	LE CROY, CHARLES MICHAEL, JR. 134 LANDSBURY DR. DURHAM 27707 DUKE	S 89 00 85
KALAYJIAN, ROBERT WAYNE DUMC, DEPT. OF AN, BOX AA3061 DURHAM 27710 U OF CALIFORNIA	AN AC 71 73 85	KINNEY, ROBERT BRUCE BOX 3712, DUMC DURHAM 27710 DUKE	PTH R 81 85 79	LEE, EDWARD I. 702 N. COLUMBIA ST. CHAPEL HILL 27514 U OF NC	S 90 00 87
KALLIANOS, JOHN ANDREW 4800 UNIVERSITY DR. 23M DURHAM 27707 DUKE	R 86 00 83	KIRKPATRICK, JOHN STEWART 704 W. CORNWALLIS RD. DURHAM 27707 BOWMAN GRAY	R 85 85 84	LEIDY, LUANN 4322 BEECHNUT LANE DURHAM 27707 DUKE	P /CHP R 82 82 81
KAPLAN, DAVID LOUIS 3064-A COLONY RD. DURHAM 27705 BOWMAN GRAY	D /IM R 81 81 80	KOEHLER, LISA ANN 1521 E. FRANKLIN ST. B-211 FRANKLIN WOODS CHAPEL HILL 27514 U OF NC	S 89 00 86	LEIGHT, GEORGE STAPLES, JR. 2 SURREY LANE DURHAM 27707 DUKE	GS AC 72 79 81
KAPLAN, TODD M. 1315 MORRENE RD. 3-A DURHAM 27705 DUKE	S 89 00 86	KOON, CRAWFORD BRYAN 2609 N. DUKE ST. DURHAM 27704 U OF NC	DR AC 70 70 79	LERNER, MARK HARRIS 14 MELSTONE TURN DURHAM 27707 DUKE	S 87 00 84
KARIS, JOANNES HUBERTUS BOX 3071, DUMC DURHAM 27710 U OF UTRECHT	AN AC 52 56 60	KOOPERSMITH, TINA BETH BOX 2764, DUMC DURHAM 27710 DUKE	S 89 00 86	LESESNE, HENRY ROBY N. C. MEMORIAL HOSPITAL CHAPEL HILL 27514 VANDERBILT U	GE /IM AC 67 67 74
KATZ, SAMUEL LAWRENCE BOX 2925, DUMC DURHAM 27710 HARVARD	PD /ID AC 52 54 69	KRAYBILL, ERNEST NISSLEY UNC, DEPT. OF PEDIATRICS CHAPEL HILL 27514 U OF PENN	PD /NPM AC 62 62 73	LESLIE, JOHN BRUCE BOX 3094, DUMC DURHAM 27710 DUKE	AN AC 76 78 86
KAUFMAN, DAVID GORDON UNC, DEPT. OF PATHOLOGY CHAPEL HILL 27514 WASHINGTON U	PTH AC 68 75 76	KRYSTAL, ANDREW DARRELL 811 VICKERS AVE. DURHAM 27701 DUKE	S 87 00 85	LESSEY, BRUCE ARTHUR 1303 LAKEWOOD AVE. DURHAM 27707 U OF COLORADO	OBG R 84 00 84
KAUFMAN, JEFFREY 311 S. LASALLE ST. APT. 50B DURHAM 27705 DUKE	S 90 00 84	KU, ANDREW 311 S. LASALLE ST. APT. 36-F DURHAM 27705 COLUMBIA U	DR R 84 00 85	LEUNG, CYRIL YIU-CHUN 6219 MALAGA COURT LONG BEACH, CA 90803 DUKE	S 87 00 84
KEAGY, BLAIR ALLEN UNC, 108 BURNETT-WOMACK 229-H CHAPEL HILL 27514 U OF PITTSBURGH	TS /CDS AC 70 70 83	KUNO, RITSU CHALET I, GREENE ST. CHAPEL HILL 27514 U OF NC	IM /ID S 88 00 85	LEVIN, STUART JEFFREY 0-9 OLD WELL APTS. CARRBORO 27510 U OF NC	S 88 00 84
KEITHAHN, STEPHEN TIMOTHY BOX 2760, DUMC DURHAM 27710 DUKE	S 89 00 86	KYLSTRA, JOHANNES ARNOLD BOX 2958, DUMC DURHAM 27710 U OF LEIDEN	PUD /A AC 52 66 79	LEVINE, MELVIN D. UNC SCHOOL OF MEDICINE BSRC 220-H CHAPEL HILL 27514 HARVARD	PD AC 66 66 87
KELLY, JAMES REGINALD 306 S. GREGSON STREET DURHAM 27701 DUKE	IM AC 70 76 76	LAMBETH, WILLIAM RICK 2609 N. DUKE STREET, STE. 204 DURHAM 27704 BOWMAN GRAY	OBG AC 74 74 79	LEVINSON, SIDNEY LEONARD 891 W. WILLOW DRIVE CHAPEL HILL 27514 CORNELL U	919 966-1020 GE /IM AC 74 75 81
KEMPNER, WALTER BOX 3099, DUMC DURHAM 27710 U OF HEIDELBERG	IM L/RT 26 43 43	LANE, JOHN WESTON 2808 GRETMAR DR. DURHAM 27705 DUKE	OBG AC 72 76 80	LEVITT, STEPHEN ROBERT 500 EASTOWNE DRIVE CHAPEL HILL 27514 CASE WESTERN RES	P AC 76 77 80
KENAN, PATRICK DAN DUKE, DIV. OF OTOL. DURHAM 27710 DUKE	OTO AC 59 59 65	LANG, STEPHEN NORMAN BOX 2919, DUMC DURHAM 27710 U OF ILLINOIS	ORS AC 65 65 72	LEVY, STANLEY BENJAMIN 891 WILLOW DRIVE CHAPEL HILL 27514 GEORGETOWN U	919 942-8761 D AC 71 72 81
KENNEDY, REBECCA S. 315-A BLUERIDGE RD. CARRBORO 27510 U OF NC	R 86 00 84	LANGDELL, ROBERT DANA UNC SCHOOL OF MEDICINE, 228-H CHAPEL HILL 27514 GEO WASHINGTON U	PTH /BLB AC 48 51 53	LI, GEORGE 3515 GREENBRIER BLVD., APT. 14-B ANN ARBOR, MI 48105 BAYLOR	919 942-3106 IM R 84 00 84
KERBY, GRACE PARDRIDGE 164 N. W. 18TH COURT MIAMI, FL 33125 DUKE	RHU L/RT 46 46 50	LANIER, VERNE CLIFTON, JR. 300 CRUTCHFIELD ST. DURHAM 27704 VANDERBILT U	PS /GS AC 66 66 78	LIN, JANET CHYNG-JIAU 311 S. LASALLE ST. APT. 40E DURHAM 27705 DUKE	919 383-9848 S 89 00 86
KIFFNEY, GUSTIN THOMAS, JR. 1106 HILLDALE ROAD DURHAM 27705 ALBANY MED COLL	OPH AC 55 60 61	LASSITER, RICHARD EDWARD CONNER DR. PROF. BLDG. CHAPEL HILL 27514 U OF NC	OBG AC 65 65 71	LINCOLN, CLINTON ROBERT 1828 HILLDALE ROAD DURHAM 27705 MED COLL OF VA	919 286-7851 ORS AC 60 63 68
KIHLSTROM, BRUCE LEE 1830 HILLDALE ROAD DURHAM 27705 U OF NC	NS /GS AC 72 73 75	LASSITER, TALLY EDWARD, JR. 210 DACIAN AVE. DURHAM 27701 HARVARD	ORS /EM R 82 83 86		919 286-1249

32. DURHAM-ORANGE COMPONENT SOCIETY (Continued)

LINDSAY, ROBERT BOYD 904 KINGS MILL RD. CHAPEL HILL 27514 JEFFERSON	IM L/RT 40 40 47 919 942-6136	MACDONALD, JOEL DOUGLAS 308 CAROL ST. CARRBORO 27510 U OF NC	S 89 00 85 919 967-6776	MAURO, PATRICIA MARCHASE 2609 N. DUKE ST. STE. 505 DURHAM 27704 CORNELL U	D AC 77 78 84 919 477-2121
LINEBERGER, CATHERINE KUHN 63 LONGWOOD AVE. #3 BROOKLINE, MA 02146 U OF NC	S 87 00 84 919 929-1356	MACFARLAND, JOSEPH ALFRED UNC STUDENT HEALTH SERVICE CHAPEL HILL 27514 COLUMBIA U	GP AC 67 68 72 919 966-2281	MAVROS, SHARON 411-I DOWNING ST. DURHAM 27705 DUKE	S 89 00 85 919 286-4617
LINFORS, EUGENE WILLIAM 306 S. GREGSON ST. DURHAM 27701 DUKE	IM AC 71 71 84 919 682-5561	MACHEMER, CHRISTINE ANNA BOX 3125, DUMC DURHAM 27710 U FREIBURG,GERM	P AC 59 61 79 919 684-5772	MAXFIELD, STEVEN RONALD 872 LOUISE CIRCLE DURHAM 27705 DUKE	S 89 00 86 919 383-0050
LIPTON, BARBARA STEINER 2004 N. LAKESHORE DRIVE CHAPEL HILL 27514 U OF ILLINOIS	P AC 43 59 60 919 942-2453	MACHEMER, ROBERT BOX 3802, DUMC DURHAM 27710 U FREIBURG,GERM	OPH AC 59 68 79 919 684-5846	MAY, DAVID ALAN 100-D BERNARD ST. CHAPEL HILL 27514 U OF NC	S 88 00 84 919 929-3078
LIPTON, MORRIS ABRAHAM UNC, BSRC BLDG. 220-H CHAPEL HILL 27514 U OF CHICAGO	P /IM L 48 59 60 919 966-1456	MAINELLA, PAUL JOSEPH 20 LINDEN RD. BARRINGTON, RI 02806 U OF NC	S 87 00 84	MAYER, EUGENE STEPHEN UNC, 221H, WING C, BOX 3 CHAPEL HILL 27514 COLUMBIA U	GP AC 64 64 73 919 966-2461
LIPTZIN, MYRON BENNETT UNC STUDENT HEALTH SERVICE CHAPEL HILL 27514 U OF ROCHESTER	P AC 59 65 65 919 966-2281	MALEK, NABIL S. BOX 3094, DUMC DURHAM 27710 U OF EIN SHAMS	AN AC 61 62 86 919 684-3026	MAYNOR, CAROLYN CHANG BEECHWOOD APTS. 24-A 4800 UNIVERSITY DR. EX. DURHAM 27707 DUKE	S 89 00 85 919 286-1409
LIST, NOEL DAVID BOX 3003, DUMC DURHAM 27710 DOWNSTATE ME CTR	GER /GPM AC 65 67 85 919 684-2248	MALTBIE, ALLAN ARMSTRONG BOX 3837, DUMC DURHAM 27710 EMORY U	P /PYA AC 69 70 73 919 684-5217	MAYNOR, JAYNE PATRICE P. O. BOX 606 PEMBROKE 28372 U OF NC	AN S 87 00 84 919 521-4208
LITCHFIELD, JAY ROBERT 212 MCCAULEY ST. APT. 1-B CHAPEL HILL 27514 U OF NC	S 89 00 86 919 968-1909	MANDEL, STANLEY ROBERT UNC, DEPT. OF SURGERY 229H CHAPEL HILL 27514 U OF VIRGINIA	GS /TS AC 62 62 69 919 966-3391	MCADAMS, HOLMAN PAGE 10321 CRESTMOOR DR. SILVER SPRING, MD 20901 DUKE	R 86 00 84 301 681-8511
LLEWELLYN, CHARLES E., JR. 3550 HAMSTEAD CT. DURHAM 27707 MED COLL OF VA	P AC 46 55 56 919 489-9808	MANN, CHARLES HAYES 1110 S. MAIN STREET DURHAM 27701 WEST VA U	OTO AC 66 68 82 919 682-9341	MCALLISTER, JAMES GRAY, III 157 1/2 E. FRANKLIN ST. PO BOX 431 CHAPEL HILL 27514 U OF NC	P AC 60 60 68 919 968-4651
LLOYD, KERMIT ALVIN RT. #5, BOX 305 CHAPEL HILL 27514 U OF NC	S 89 00 86 919 929-1911	MANN, JOHN DOUGLAS 751 CLINICAL SCI. BLDG. 229-H UNC SCHOOL OF MEDICINE CHAPEL HILL 27514 CORNELL U	N /IM AC 69 72 76 919 966-2526	MCALLISTER, RUSSELL G., JR. 3712 DOVER RD. DURHAM 27707 MED COLL OF VA	CD /IM AC 67 68 86 919 248-2598
LODA, FRANK ALOYSIUS, JR. UNC, DEPT. OF PEDIATRICS CHAPEL HILL 27514 VANDERBILT U	PD /ID AC 60 60 71 919 966-2504	MANNING, ISAAC HALL, JR. 2609 N. DUKE ST. #604 DURHAM 27704 HARVARD	IM L 35 38 39 919 286-7635	MCBRIDE, ALLEN JOSEPH BLUE CROSS/BLUE SHIELD OF NC PO BOX 2291 DURHAM 27702 MED COLL OF VA	FP /GER AC 78 79 83 919 489-7431
LOHR, WALTER JOSEPH 2609 N. DUKE ST., STE. 402 DURHAM 27704 CORNELL U	GS AC 63 64 75 919 471-8439	MANNING, STUART HALL 2609 N. DUKE ST., STE. 604 CENTRAL MEDICAL PARK DURHAM 27704 DUKE	IM AC 76 77 79 919 477-1054	MCCANN, RICHARD LUCAS BOX 2990, DUMC DURHAM 27710 CORNELL U	GS /CDS AC 74 83 84 919 684-2620
LONDON, WILLIAM LORD 306 S. GREGSON STREET DURHAM 27701 U OF NC	PD /PHO AC 55 55 61 919 688-6349	MARQUEZ, FRANCISCO JAVIER 105 WESKER CIRCLE DURHAM 27703	R 80 83 85 919 596-0956	MCCARTNEY, CHERYL FAINTUCH UNC, WING D, 208-H CHAPEL HILL 27514 NORTHWESTERN U	P AC 71 72 80 919 966-4551
LOWE, JAMES EDWARD BOX 3954, DUMC DURHAM 27710 U OF CALIF-LA	CDS /GS AC 73 74 84 919 684-3235	MARSDEN, MARGARET E. FERRITER 200 WOODCROFT PKWY., #40-B DURHAM 27713 U OF NC	S 89 00 85 919 489-8433	MCCARTNEY, WILLIAM HUGH NCMH, DEPT. OF RADIOLOGY CHAPEL HILL 27514 NORTHWESTERN U	DR /NM AC 69 70 81 919 966-4384
LOWERY, WYLIE DONALD 7016 PROVIDENCE LANE, WEST CHARLOTTE 27226 U OF NC	S 87 00 84 919 942-5643	MARTIN, HAROLD LUTHER, JR. 1200 N. GREENSBORO ST. CARRBORO 27510 U OF NC	S 88 00 85 919 929-8334	MCCOLLUM, DONALD EUGENE BOX 2919, DUMC DURHAM 27710 BOWMAN GRAY	ORS AC 53 53 62 919 684-4055
LUH, ALBERT HUNG-PEI 1481 ASHBORNE DRIVE LYNCHBURG, VA 24501 U OF NC	S 00 87	MARTIN, JAMES CICERO, JR. VETERANS DR. APT. 7-A ASHEVILLE 28805 LA STATE U	R 82 82 85	MCCRACKEN, JOSEPH STUART 2609 N. DUKE ST. #203 DURHAM 27704 DUKE	OPH AC 75 77 82 919 471-8495
LUMB, PHILIP DENNETT BOX 3094, DUMC DURHAM 27710 U OF LONDON	AN AC 74 75 79 919 681-3883	MARTINEZ, SALUTARIO DUMC, DEPT. OF RADIOLOGY DURHAM 27710 U OF HABANA	R AC 60 71 76 919 684-2711	MCCRORY, MICHAEL ELLIOTT 2609 N. DUKE ST. STE. 303 DURHAM 27704 TUFTS U	DR AC 73 74 79 919 471-8411
LURIE, SCOTT NORD 1711 SHAWNEE ST. DURHAM 27701 DUKE	S 87 00 85 919 383-6272	MARX, MARILYN UTMB STATION 1, BOX 45 GALVESTON, TX 77550 RUSH MED COLL	GS R 80 80 81 409 761-1875	MCCUEN, BROOKS WALTON, II BOX 3802, DUMC DURHAM 27710 COLUMBIA U	OPH AC 74 75 80 919 684-6749
LYLE, CARL BLACKBURN, JR. 145-A MACNIDER BLDG. 202-H UNC SCHOOL OF MEDICINE CHAPEL HILL 27514 COLUMBIA U	IM AC 57 62 64 919 966-5945	MATTERN, WILLIAM DOUGLAS N. C. MEMORIAL HOSPITAL CHAPEL HILL 27514 COLUMBIA U	NEP /IM AC 65 65 74 919 966-2561	MCCUTCHEAN, JAMES HUTTON UNC STUDENT HEALTH CHAPEL HILL 27514 JOHNS HOPKINS	IM /ID AC 61 61 69 919 966-2281
LYNCH, SUE ANN 129 WINDSOR CIR. CHAPEL HILL 27514 U OF UTAH	N R 84 84 86 919 942-8097	MAURO, MATTHEW ANTHONY 101 CATAWBA COURT CHAPEL HILL 27514 CORNELL U	DR AC 77 78 83 919 966-1461	MCCUTCHEON, WILLIAM B., JR. 1830 HILLANDALE ROAD DURHAM 27705 MED COLL OF VA	TS /CDS AC 52 55 58 919 383-5531

32. DURHAM-ORANGE COMPONENT SOCIETY (Continued)

MCDONALD, CARY CRANE 2914 N. BROADWAY #1 CHICAGO, IL 60657 U OF NC	S 87 00 85	MCDONNELL, KENNETH PAUL 1911 ERWIN RD., APT. B DURHAM 27705 DUKE	S 89 00 85	MCINTYRE, ROSS WILLIAM BOX 3071, DUMC DURHAM 27710 BRITISH COLUMBIA	AN AC 70 73 80	MCKEE, LEWIS MIDDLETON 17 SURREY LN., HOPE VALLEY DURHAM 27707 TEMPLE U	IM L/RT 33 34 34	MCKEE, SCOTT BOX 2847, DUMC DURHAM 27710 DUKE	S 90 00 87	MCLEAR, RONALD KENT 3200 CROASDAILE DR. STE. 201 DURHAM 27705 OHIO STATE U	EM AC 75 77 82	MCLELLAND, ROBERT 3716 ST. MARKS ROAD DURHAM 27707 U OF CINCINNATI	DR AC 48 48 74	MCLENDON, WILLIAM W. NCMH, DEPT. OF LABORATORIES CHAPEL HILL 27514 U OF NC	CLP /PTH AC 56 56 63	MCLEOD, MELISSA MYTYLE 27 SPRING GARDEN APTS. HOLLAND DR. CHAPEL HILL 27514 U OF NC	S 89 00 86	MCLEOD, MICHAEL EUGENE BOX 3073, DUMC DURHAM 27710 DUKE	GE /IM AC 60 60 69	MCLOUGHLIN, THOMAS M. 3924 LINDEN TERRACE DURHAM 27705 DUKE	S 88 00 84	MCILLAN, CAMPBELL WHITE UNC, DEPT. OF PED. 229-H CHAPEL HILL 27514 BOWMAN GRAY	PHO /PD AC 52 52 61	MCNAMARA, JAMES O'CONNELL 400 LAKE SHORE LANE CHAPEL HILL 27514 U OF MICHIGAN	N AC 68 69 85	MCPHERSON, HARRY THURMAN DUKE UNIV. MED. CTR. DURHAM 27710 DUKE	END /IM AC 48 53 55	MCPHERSON, SAMUEL DACE, JR. 1110 W. MAIN STREET DURHAM 27701 JOHNS HOPKINS	OPH AC 43 48 48	MEDDERS, RUSSELL GLEN 221 BRANDON ROAD BALTIMORE, MD 21212 U OF NC	R 84 00 82	MELGES, FREDERICK T. BOX 2995, DUMC DURHAM 27710 COLUMBIA U	P AC 61 62 87	MELTON, JAMES WILLARD, JR. 302-F BOLINWOOD APTS. CHAPEL HILL 27514 U OF NC	S 87 00 86	MELVIN, TERESA BOWEN RT. #1, BOX 9F LONG ISLAND 28648 U OF NC	S 87 00 85	MENNILLO, ROGER NILES 811 VICKERS AVE. DURHAM 27701 DUKE	S 87 00 85	MESROBIAN, HRAIR-GEORGE 428 BURNETT-WOMACK 229-H UNC SCHOOL OF MEDICINE CHAPEL HILL 27514 AMER.U OF BEIRUT	U AC 78 80 86	MESSENHEIMER, JOHN ANDREW UNC. DEPT. OF NEUROLOGY CHAPEL HILL 27514 JOHNS HOPKINS	N /IM AC 70 77 79	MEYER, ANDREW FREDERIC BOX 3083, DUKE MED. CENTER DURHAM 27710 DOWNSTATE ME CTR	AN AC 69 70 83	MEYER, ANTHONY ANDREW UNC, BURNETT-WOMACK 229-H, ROOM 164 CHAPEL HILL 27514 U OF CHICAGO	GS AC 77 78 86	MEYER, GEORGE WRIGHT 1106 HILLDALE ROAD DURHAM 27705 DUKE	OPH AC 52 57 59	MEYERS, WILLIAM CLARK BOX 3041, DUMC DURHAM 27710 COLUMBIA U	GS /CRS AC 75 83 84	MILLER, DAVID EDMOND CENTRAL MEDICAL PARK 2609 N. DUKE ST., STE. 403 DURHAM 27704 DUKE	CD /IM AC 56 56 64	MILLER, MARK F. 2752 MIDDLETON #31-J DURHAM 27705 DUKE	S 90 00 86	MILLER, MILTON LEONARD 17 LOGGIN TRAIL DURHAM 27707 HARVARD	PYA /P L 29 36 60	MINTZER, MELANIE 210 S. CAMERON ST. HILLSBOROUGH 27278 MCGILL U	FP AC 80 81 85	MITCHELL, CALVIN HARRISON BOX 3802, DUKE UNIV. EYE CTR. DURHAM 27710 DUKE	OPH AC 58 58 86	MOHR, JACK ELMER 706 WELLINGTON DRIVE CHAPEL HILL 27514 TUFTS U	OBG AC 53 57 57	MOLTER, DAVID W. 2974 CAROLYN DRIVE DURHAM 27703 DUKE	S 88 00 83	MONROE, JOHN THADDEUS, JR. 1100-A FRANKLIN SQUARE CHAPEL HILL 27514 U OF NC	PYA /P AC 55 55 62	MONSON, DONALD MALVIN 3751 BENTLEY DRIVE DURHAM 27707 U OF WISCONSIN	R AC 55 62 62	MONTANA, GUSTAVO SANTOS DUMC-RADIATION ONC. DURHAM 27710 NATL U COLUMBIA	TR AC 60 60 71	MONTY, LOUIS HAROLD 610 DOUGLAS ST., #A-104 DURHAM 27705 U OF TEL AVIV	P R 85 00 85	MOORE, DAVID HARRY UNC, DIV. OF GYN-ONC N.C. MEMORIAL HOSP. CHAPEL HILL 27514 INDIANA U	GYN /ON R 82 82 86	MOORE, DONALD TORIAN 601 FAYETTEVILLE STREET DURHAM 27701 MEHARRY MED COLL	OBG AC 58 58 69	MOORE, LAWRENCE WHITE, JR. 1110 W. MAIN STREET DURHAM 27701 DUKE	OPH AC 63 63 71	MOORE, MELISA DARA 102-B ISLEY STREET CHAPEL HILL 27514 U OF NC	S 87 00 84	MORIN, JUDITH K. 5002 MCCORMICK RD. DURHAM 27713 U OF NC	S 90 00 87	MORRIS, JAMES JOSEPH, JR. BOX 2993, DUMC DURHAM 27710 DOWNSTATE ME CTR	CD /IM AC 59 66 86	MORRIS, JONATHAN EDWARD 103 ROCK SPRING COURT CARRBORO 27510 U OF NC	P R 82 82 82	MOSELEY, WALTON STROZIER 311 S. LASALLE ST. APT. 37-B DURHAM 27705 DUKE	S 90 00 87	MOYLAN, JOSEPH ANTHONY BOX 3947, DUMC DURHAM 27710 BOSTON U	GS /TRS AC 64 65 77	MULY, EMIL C., III 886 LOUISE CIRCLE, APT. 26-B DURHAM 27705 DUKE	S 88 00 87	MUMFORD, LARRY 3115 ACADEMY ROAD DURHAM 27707 U OF NC	NPM /PD AC 67 68 79	MUNDAY, TONA LEIGH D-6 GRAHAM CONDOS. MC CAULEY ST. CHAPEL HILL 27514 U OF NC	S 89 00 85	MURPHY, ROBERT JENNINGS, JR. RT. 4 BOX 197 ORANGE HIGH RD. HILLSBOROUGH 27278 VANDERBILT U	FP /PD L 40 40 42	MURRAY, JANE H. 907 DEMERIUS ST. DURHAM 27701 U OF NC	FP R 84 85 87	MURRAY, JOHN CARROLL BOX 2907, DUMC DURHAM 27710 DUKE	DMP AC 77 82 83	MURRAY, MICHAEL J. 910 CONSTITUTION DR. APT. 720 DURHAM 27705 DUKE	TR R 85 86 87	MURRAY, WILLIAM JAMES BOX 3094, DUMC DURHAM 27710 U OF NC	AN AC 62 62 64	NAHSER, PHILIP JOSEPH, JR. 214-C BRANSON ST. CHAPEL HILL 27514 U OF NC	S 88 00 85	NANDA, SUMIT BOX 2872, DUMC DURHAM 27710 DUKE	OPH S 87 00 86	NASTALA, CHET LAWRENCE BOX 2779, DUMC DURHAM 27710 DUKE	S 89 00 85	NATHAN, LAUREN 548 FINLEY ST. DURHAM 27705 DUKE	S 89 00 87	NEAL, CHARLES BODINE, III 2919 COLONY ROAD DURHAM 27705 DUKE	PD AC 55 55 60
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32. DURHAM-ORANGE COMPONENT SOCIETY (Continued)

NEBEL, WILLIAM ARTHUR CONNER DR. PROF. BLDG. CHAPEL HILL 27514 U OF NC	OBG AC 62 62 69 919 942-8571	OLDHAM, H. NEWLAND, JR. DUKE UNIV. MED. CTR. DURHAM 27710 BAYLOR	CDS /GS AC 61 61 72 919 684-3243	PARKE, CHARLES EDWARD 614 CASWELL RD. CHAPEL HILL 27514 U OF NC	S 88 00 85 919 942-5631
NEELEY, BRUCE CARLTON 1911 HILLDALE RD. STE. 1040 DURHAM 27705 MED U OF SC	P /PYM AC 75 77 85 919 383-1516	OLESON, JAMES ROBERT BOX 3085, DUMC DURHAM 27710 U. OF ARIZONA	TR /ON AC 76 76 85 919 684-3742	PARKER, JOHN CURTIS N. C. MEMORIAL HOSPITAL CHAPEL HILL 27514 YALE	HEM /IM AC 61 67 68 919 966-2468
NEELON, FRANCIS ALBERT BOX 3021, DUMC DURHAM 27710 HARVARD	IM /END AC 62 62 83 919 684-4307	OLIVER, WILLIAM RUSSELL 114-B FIDELITY STREET CARRBORO 27510 VANDERBILT U	PTH R 82 82 84 919 929-7120	PARKER, JOSEPH B., JR. BOX 3838, DUMC DURHAM 27710 U OF TENNESSEE	P /PYM AC 41 41 71 919 684-2415
NEISH, DONALD DEWITT 2609 N. DUKE STREET DURHAM 27704 TEMPLE U	IM /GER AC 58 59 77 919 471-8446	OLSEN, ELISE ARLINE BOX 3294, DUMC DURHAM 27710 BAYLOR	D /IM AC 78 78 79 919 684-6844	PARKER, PAUL EDWIN N. C. MEMORIAL HOSPITAL CHAPEL HILL 27514 EASTERN VA	AN R 86 86 86 919 477-2475
NELIUS, SIGRID J. VONRENNER WEST DURHAM STATION BOX 2899 DURHAM 27705 LUDWIG MAXIMILLI	IM /GPM AC 49 61 64 919 383-6289	ONTJES, DAVID AINSWORTH UNC SCHOOL OF MEDICINE CHAPEL HILL 27514 HARVARD	END /IM AC 64 64 70 919 966-4468	PARKER, ROY TURNAGE BOX 3097, DUMC DURHAM 27710 MED COLL OF VA	OBG AC 44 47 50 919 684-2626
NEMEROFF, CHARLES BARNET BOX 3859, DUMC DURHAM 27710 U OF NC	P AC 81 81 78 919 684-6562	ORGAIN, EDWARD STEWART 3321 DEVON ROAD DURHAM 27707 U OF VIRGINIA	CD /IM L/RT 30 30 36 919 489-2111	PARKERSON, GEORGE ROBERT, JR. BOX 2914, DUMC DURHAM 27710 DUKE	FP AC 53 55 75 919 286-9896
NEWBORG, BARBARA BOX 3385, DUMC DURHAM 27710 JOHNS HOPKINS	IM AC 49 49 64 919 684-3418	ORLANDO, ROY CHARLES 324 CLINICAL SCIENCES BLDG. UNC DEPT. OF MEDICINE 229-H CHAPEL HILL 27514 GEORGETOWN U	GE /IM AC 68 68 77 919 966-2511	PARLIER, REGGIE DAVID 828 HOLLY HEDGE DR. LEWISVILLE 27023 DUKE	S 87 00 84 919 479-5559
NEWSOME, JAMES FREDERICK UNC, BURNETT-WOMACK, 229-H CHAPEL HILL 27514 VANDERBILT U	GS /ON AC 49 50 56 919 966-5221	ORRINGER, EUGENE PAUL UNC, DIV. OF HEM. DEPT. OF MED. 340 MACNIDER BLDG. 202-H CHAPEL HILL 27514 U OF PITTSBURGH	HEM /IM AC 69 71 81 919 966-2467	PATTERSON, CARL NORRIS 1110 W. MAIN STREET DURHAM 27701 U OF MARYLAND	HNS /MFS AC 44 48 48 919 682-9341
NG, KHYE WENG 1830 HILLDALE ROAD DURHAM 27705 U OF SINGAPORE	N /IM AC 56 68 72 919 383-5531	OSTERHOUT, SHIRLEY K. BOX 3007, DUMC DURHAM 27710 DUKE	PD AC 57 57 84 919 684-2498	PATTERSON, HUBERT CLIFTON 602 S. COLUMBIA STREET CHAPEL HILL 27514 HARVARD	GS L/RT 37 47 47 919 968-3051
NOECKER, ROBERT J. PO BOX 884 CHAPEL HILL 27514 U OF NC	S 90 00 87 919 781-0707	OVERCASH, WILLIAM TODD P.O. BOX 1694 ALBEMARLE 28002 U OF NC	S 88 00 84	PATTON, SUZANNE ELIZABETH 2808 ERWIN RD., APT. 6A DURHAM 27705 DUKE	S 89 00 85 919 383-0446
NOEL, ROBERT F., JR. RT. #11, BOX 94 CHAPEL HILL 27514 U OF NC	S 89 00 87 919 968-6454	OWL-SMITH, FRANCES 301 ROLLINGWOOD ROAD CHAPEL HILL 27514 U OF NC	S 87 00 84 919 933-5102	PAULSON, DAVID FREEMAN BOX 2977, DUMC DURHAM 27710 DUKE	U AC 64 64 72 919 684-5057
NORINS, MICHAEL ELLIOTT 122 WINDSOR PLACE CHAPEL HILL 27514 U OF NC	R 86 00 83 919 933-0367	OZER, HOWARD UNC 3019 OLD CLINIC BLDG. 226H CHAPEL HILL 27514 YALE	ON AC 75 77 86 919 966-4431	PAYNE, LOEL ZACHARY RT. #11, BOX 94 CHAPEL HILL 27514 U OF NC	S 89 00 85 919 968-6454
NOVEK, STEVEN JAI A-11 UNIVERSITY GARDENS APTS. CHAPEL HILL 27514 U OF NC	S 89 00 85 919 929-8823	PADDISON, GEORGE MARION 3920 REGENT ROAD DURHAM 27707 U OF NC	R AC 66 66 73 919 489-0272	PAYNE, THOMAS ARTHUR 405-A COOLRIDGE ST. CHAPEL HILL 27514 U OF NC	S 89 00 85 919 929-4291
RUGENT, RICHARD RECHER DIV. OF HEALTH SERVICES P. O. BOX 2091 RALEIGH 27602 U OF PENN	GPM /OBG AC 66 67 80 919 733-3816	PADGETT, RICHARD CAMERON 411 MCCAULEY ST. CHAPEL HILL 27514 U OF NC	S 88 00 84 919 942-5518	PEACOCK, ERLE EWART, JR. 109 CONNER DR., STE. 2204 CHAPEL HILL 27514 HARVARD	PS /GS AC 49 53 56 919 933-0005
NUNLEY, JAMES ALBERT, II BOX 2919, DUMC DURHAM 27710 TULANE U	ORS /HS AC 73 73 82 919 684-4033	PAGANO, JOSEPH STEPHEN UNC, LINEBERGER CANCER RES. CHAPEL HILL 27514 YALE	IM /ID AC 57 65 65 919 966-3036	PEARCE, PHILIP HENDERSON 1821 GREEN STREET DURHAM 27705 DUKE	OBG AC 60 60 67 919 286-1258
NYE, MARY JANE LOVE 1919 WILSHIRE DRIVE DURHAM 27707 DUKE	PD /ADL AC 61 61 64 919 489-9534	PALMER, JEFFRESS GARY N. C. MEMORIAL HOSPITAL CHAPEL HILL 27514 EMORY U	IM /HEM AC 44 52 52 919 966-3311	PEARSE, RICHARD LEHMER 154 MONTROSE DR. DURHAM 27707 HARVARD	OBG /HYP L/RT 31 38 38 919 493-3995
OKES, WALTER JERRY BOX 3272, DUMC DURHAM 27710 DUKE	NS AC 72 72 78 919 684-5013	PANZA, WILLIAM SEBASTIAN 1800 WILLIAMSBURG RD. APT. 8-E DURHAM 27707 DUKE	S 88 00 84 919 489-4104	PEDERSON, WM. CHRISTOPHER BOX 3974, DUMC DURHAM 27710 U OF TEXAS-SW	PS AC 78 78 87 919 684-4114
ODERE, FRED GORDON DURHAM CO. HOSP-PTH DURHAM 27704 GEO WASHINGTON U	PTH AC 70 74 79 919 470-5243	PAOLINI, JOHN FRANK BOX 2832, DUMC DURHAM 27710 DUKE	S 90 00 86	PEETE, CHARLES HENRY, JR. BOX 3192, DUMC DURHAM 27710 HARVARD	OBG AC 47 47 58 919 684-2346
ODOM, GUY LEARY 2812 CHELSEA CIRCLE DURHAM 27707 TULANE U	NS L/RT 33 33 44 919 489-2206	PAPADOPOULOS, SPYRIDON G. 3700-205 CHIMNEY RIDGE PL. DURHAM 27713 DUKE	S 90 00 86 919 493-0718	PEETE, WILLIAM P.J. BOX 3506, DUMC DURHAM 27710 HARVARD	GS AC 47 49 56 919 684-3727
OLDER, ROBERT ALAN 3104 DEVON RD. DURHAM 27707 DUKE	DR AC 68 68 77 919 383-6984	PARANKA, JULIA ANNE 3536 MAYFAIR ST. #102 DURHAM 27707 DUKE	S 90 00 86 919 493-7736	PEREZ-REYES, MARIO 107 HUNTER HILL PLACE CHAPEL HILL 27514 NAT U OF MEXICO	P AC 52 67 67 919 933-9829
				PERONA, BARBARA PIEZ 1022 GREEN ST. DURHAM 27701 DUKE	S 90 00 86 919 682-3942

32. DURHAM-ORANGE COMPONENT SOCIETY (Continued)

PERRY, DWIGHT DEAN 512 SIMMONS ST. DURHAM 27707 U OF NC	OPH AC 80 81 85 919 682-7175	PRATT, REBECCA ANN 209 ALEXANDER ST. APT. D DURHAM 27705 DUKE	S 90 00 87 919 684-7590	RHOADS, JOHN MCFARLANE BOX 3903, DUMC DURHAM 27710 TEMPLE U	P / PYA AC 43 56 57 919 684-6224
PETERSON, HUGH DUANE UNC, BURNETT-WOMACK BLDG. CHAPEL HILL 27514 NORTHWESTERN U	PS AC 62 65 83 919 966-3693	PRENTICE, ROBERT DEREK 3500 WESTGATE DR., STE. 705 DURHAM 27707 U OF EDINBURGH	FP AC 70 70 85 919 493-8600	RICE, A. DOUGLAS 2919 COLONY ROAD DURHAM 27705 DUKE	PD AC 51 54 55 919 489-9158
PETERSON, JEFFREY MCBRAYER 2 SPRING GARDEN, HOLLAND DR. CHAPEL HILL 27514 U OF NC	S 89 00 85 919 933-0153	PRESTON, EDWIN THORNTON 110 S. ESTES DRIVE CHAPEL HILL 27514 DUKE	ORS AC 60 60 70 919 942-3171	RICE, JOHN RUSSELL BOX 3383, DUMC DURHAM 27710 U OF MIAMI	RHU AC 68 69 78 919 684-3313
PPAFF, HERBERT CHARLES 1204 N. GREGSON ST. DURHAM 27701 U OF NC	S 87 00 85 919 682-8336	PRICE, ROBERT EDWIN, JR. 1830 HILLDALE ROAD DURHAM 27705 U OF NC	NS AC 64 64 72 919 383-5531	RICE, REED PORTER DUKE HOSPITAL DURHAM 27710 INDIANA U	DR AC 55 61 61 919 684-2711
PHILLIPS, HARRY RISSLER, III BOX 3126, DUMC DURHAM 27710 DUKE	CD /IM AC 75 78 72 919 681-5816	PRIVETTE, MELINDA HILL 29 MAXWELL RD. CHAPEL HILL 27514 U OF NC	S 87 00 84 919 967-7156	†RICHARDSON, WILLIAM PERRY 300 GLANDON DRIVE DECEASED -- 4-14-87 CHAPEL HILL 27514 MED COLL OF VA	GPM L 28 28 29 919 942-3560
PHILLIPS, KATHRYN ELIZABETH 200 BLUERIDGE RD. CARRBORO 27510 U OF NC	S 88 00 86 919 967-1058	PROIA, ALAN DAVID 4118 DEEPWOOD CIRCLE DURHAM 27707 CORNELL U	PTH AC 80 80 81 919 489-3161	RICHMOND, GLENN HICKAM, JR. CAMELOT VILLAGE, J-4 CHAPEL HILL 27514 U OF NC	S 88 00 84 919 929-4483
PICKARD, CARL GLENN, JR. N. C. MEMORIAL HOSPITAL CHAPEL HILL 27514 U OF NC	IM AC 62 62 69 919 966-4205	PROSNITZ, LEONARD R. BOX 3085, DUMC DURHAM 27710 DOWNSTATE ME CTR	TR AC 61 65 84 919 684-3805	RIEFKOH, RONALD DUMC, DIV. OF PLASTIC SURGERY DURHAM 27710 TULANE U	PS /GS AC 72 72 81 919 684-2854
PILLSBURY, HAROLD C., III UNC, 610 BURNETT-WOMACK 229-H CHAPEL HILL 27514 GEO WASHINGTON U	OTO /HNS AC 72 72 75 919 966-3341	PRUTHI, ASIT SOM 311 S. LASALLE ST., APT. 38N DURHAM 27705 DUKE	S 90 00 87 919 286-2615	RIRIE, DOUGLAS G. 130 #M E. LONGVIEW CHAPEL HILL 27514 U OF NC	S 90 00 87 919 967-0746
PLESCIA, MARCUS 101-A STEPHENS ST. CHAPEL HILL 27514 U OF NC	S 89 00 85 919 929-9858	PURUT, CEMIL M. BOX 2765, DUMC DURHAM 27710 DUKE	S 87 00 86 919 684-5939	RISKA, PAUL FRANK BOX 2733, DUMC DURHAM 27710 DUKE	S 89 00 86 919 383-5620
PODGER, KENNETH ARTHUR 7701 BEACH DRIVE MYRTLE BEACH, SC 29577 DUKE	GYN L/RT 40 48 49 803 449-3459	PUTMAN, CHARLES EDGAR BOX 3808, DUMC DURHAM 27710 U OF TEXAS	R /IM AC 67 67 78 919 684-3403	ROBBINS, JACK GUYES 823 BROAD STREET DURHAM 27705 DUKE	D AC 48 49 54 919 286-4195
PONDER, PHILIP WADE 405-A COOLIDGE ST. CHAPEL HILL 27514 U OF NC	S 90 00 86 919 782-1769	RAFT, ELIZABETH VANCE 33 KIMBERLY DRIVE DURHAM 27707 U OF NC	CHP /P AC 60 60 71 919 489-7011	ROBERTS, BENNIE DWAYNE RT. #2, BOX 117-S WARSAW 28398 U OF NC	S 87 00 85 919 929-3098
PORTER, DEAN PRIEST 250 S. ESTES DR. #34 CHAPEL HILL 27514 U OF NC	S 89 00 85 919 933-7840	RANEY, RICHARD BEVERLY, SR. N. C. MEMORIAL HOSPITAL CHAPEL HILL 27514 HARVARD	ORS L/RT 30 34 35 919 966-2030	ROBERTS, HAROLD ROSS UNC, CLINICAL SCI BLDG. 229-H CHAPEL HILL 27514 U OF NC	HEM AC 55 55 62 919 966-4305
PORTER, LISA ELLEN 2681 HITCHCOCK DR. DURHAM 27705 DUKE	S 89 00 87 919 471-9289	RANKIN, JAMES SCOTT BOX 3851, DUMC DURHAM 27710 U OF TENNESSEE	TS AC 69 81 85 919 684-2718	ROBERTS, LOUIS CARROLL 3950 PLYMOUTH ROAD DURHAM 27707 DUKE	U L/RT 33 35 40 919 489-4215
POSTLETHWAIT, RAYMOND W. 143 PINECREST RD. DURHAM 27705 DUKE	GS L/RT 37 47 56 919 489-8865	RAVIN, CARL ERIC BOX 3808, DUMC DURHAM 27710 CORNELL U	R AC 68 71 79 919 681-5268	ROBERTS, MARIE BOX #7 BAHAMA 27503 MED U OF SC	PH L/RT 49 51 51 919 477-2378
POTTER, JOAN GARSKA 109 CONNER DR., STE. 2203 CHAPEL HILL 27514 WEST VA U	FP AC 80 82 84 919 929-5700	RAY, VERONICA JOSEPHINE FORBES 1301 FAYETTEVILLE ST. DURHAM 27707 U OF NC	IM AC 79 79 86 919 683-1316	ROCKWELL, WILLIAM J. K. DUKE, DEPT. OF PSYCHIATRY DURHAM 27710 DUKE	P AC 61 61 68 919 684-3073
POWELL, ALLEN ORLO RT. #1, BOX 172 DURHAM 27705 DUKE	S 88 00 86 919 493-8238	RECKLESS, JOHN BRIAN 1816 FRONT ST., STE. 310 DURHAM 27705 U BIRMINGHAM ENG	P /PYM AC 54 60 62 919 383-1502	RODABAUGH, KERRY J. 1315 MORRENE RD. APT. 23L DURHAM 27705 DUKE	S 90 00 87 919 847-9614
POWELL, DON WATSON UNC, 326 BURNETT-WOMACK BLDG. CHAPEL HILL 27514 U OF ALABAMA	GE /IM AC 63 63 71 919 966-2511	REDDY, PARVATA CHINNA P. DURHAM CO. GENERAL HOSP. DURHAM 27704 KURNOOL MED COLL	AN AC 61 63 85 919 471-3411	RODWELL, ELEANOR 1118 HILLDALE ROAD DURHAM 27705 TEMPLE U	GP L/RT 42 42 44 919 286-1119
POWERS, STEPHEN KENT UNC, 148 CLINICAL SCI. BLDG. CHAPEL HILL 27514 OHIO STATE U	NS AC 77 78 84 919 966-1374	REDICK, LLOYD FRANKLIN BOX 3094, DUMC DURHAM 27710 OHIO STATE U	AN AC 58 58 74 919 684-6736	ROLLER, JEFFERY EARL 405-C MASON FARM RD. CHAPEL HILL 27514 U OF NC	S 88 00 85 919 933-6784
PRACYK, JOHN BRADFORD 610 DOUGLAS ST., APT. 312-B DURHAM 27705 DUKE	S 89 00 85 919 286-7365	REISER, HARVEY J. 9TH AND WALNUT STREETS PHILADELPHIA, PA 19107 DUKE	OPH R 85 00 84 919 681-6646	ROSENBERG, MARK ROBERT BOX 2841, DUMC DURHAM 27710 DUKE	S 88 00 83 919 493-2846
PRANGE, ARTHUR JERGEN, JR. NCMH, DEPT. OF PSYCHIATRY CHAPEL HILL 27514 U OF MICHIGAN	P AC 50 58 58 919 966-1480	RENUART, ADHEMAR WILLIAM, III 1830 HILLDALE ROAD DURHAM 27705 DUKE	N /PD AC 56 58 78 919 383-5531	ROSENSTEIN, BYRON DAVID 205 NORTHWOOD DR. CHAPEL HILL 27514 NORTHWESTERN U	ORS R 82 82 86 919 942-4209
PRATHER, DONNA LYNN 311 BLUERIDGE RD. CARRBORO 27510 U OF NC	P AC 78 79 78 919 929-6519	REVES, JOS. GERALD BOX 3094, DUMC DURHAM 27710 MED U OF SC	AN AC 69 69 87 919 681-6646	ROUSE, JAMES BRISTOL 306 S. GREGSON STREET DURHAM 27701 DUKE	PD /N AC 65 65 71 919 688-6349

32. DURHAM-ORANGE COMPONENT SOCIETY (Continued)

ROYAL, BILLY WILLIAMSON P. O. BOX 2387 CHAPEL HILL 27514 BOWMAN GRAY	P AC 58 58 62 919 733-5540	SCHLOSSMAN, DAVID MICHAEL BOX 3843, DUMC DURHAM 27710 DUKE	IM /ON AC 79 81 85 919 684-4385	SHAHADY, GERTRUDE KOCH 112-A W. POPLAR AVE. CARRBORO 27510 U OF NC	S 89 00 85 919 942-2077
ROZAKIS, GEORGE WILLIAM 2 ABINGDON WAY DURHAM 27707 CORNELL U	R 82 83 84 919 544-7906	SCHMALTZ, ROBERT ANDREW 604 W. KNOX ST. DURHAM 27701 DUKE	S 89 00 85 919 383-5972	SHALOM, ROSE UNC, BLDG. 469-H CHAPEL HILL 27514 HARVARD	IM /NEP AC 78 80 83 919 966-2281
ROZEAR, MARVIN PRICE BOX 3849, DUKE UNIV. MED. CTR. DURHAM 27710 DUKE	N AC 66 66 76 919 684-8111	SCHMIDT, EVELYN 1301 FAYETTEVILLE STREET DURHAM 27707 DUKE	PD /PH AC 51 51 71 919 683-1316	SHARPLESS, ELIZABETH P. 207 CONNER DR. APT. 23 CHAPEL HILL 27514 U OF NC	S 89 00 86 919 967-6791
RUSSELL, SHAWN ELAINE IBM, BOX 12195 RESEARCH TRIANGLE PK 27709 NEW YORK MED COL	P AC 77 77 86 919 543-5511	SCHMITT, RAYMOND FRANCIS, JR. 215-A RIVER TRAIL RIVERVIEW APTS. MORGANTON 28655 LA STATE U	CHP /P AC 59 59 70	SHAVENDER, EUGENE FRANK 1830 HILLDALE ROAD DURHAM 27705 U OF NC	GYN AC 68 68 78 919 383-5531
RUSTAD, TODD J. 1315 MORRENE RD. APT. 271 DURHAM 27705 DUKE	S 90 00 86 919 383-5828	SCHWARTZBERG, MARC SCOTT 6-A ESTES PARK APTS. CARRBORO 27510 U OF NC	S 87 00 85 919 967-8034	SHELburne, JOHN DANIEL BOX 3712, DUMC DURHAM 27710 DUKE	PTH AC 72 72 78 919 286-6925
SABISTON, DAVID COSTON, JR. DUKE UNIV. MED. CTR. DURHAM 27710 JOHNS HOPKINS	GS /TS AC 47 64 65 919 684-2831	SCHWINN, DEBRA ANNE BOX 3094, DUMC DURHAM 27710 STANFORD U	AN R 83 86 86 919 493-3168	SHELDON, GEORGE FRANK UNC, 131 BURNETT-WOMACK CHAPEL HILL 27514 U OF KANSAS	GS /TRS AC 61 62 84 919 966-4052
SAFRAN, MARC RAYMOND BOX 2769, DUMC DURHAM 27710 DUKE	S 87 00 84 919 383-4055	SCOTT, DIANNE LYNNETTE BOX 3094, DUMC DURHAM 27710 U OF NC	AN AC 78 80 83 919 684-3239	SHEPARD, ARTHUR JAMES, III 130-N EAST LONGVIEW CHAPEL HILL 27514 U OF NC	S 89 00 85 919 942-2342
SAHBA, MEHRDAD MAJIDZADEH 306 S. GREGSON STREET DURHAM 27701 U OF ISFAHAN	GE /IM AC 57 57 72 919 682-5561	SCOTT, EDWIN HUGHES 99 MAXWELL ROAD CHAPEL HILL 27514 U OF NC	S 90 00 86 919 942-3115	SHERMER, RICHARD WAYNE UNC, DEPT. OF PATHOLOGY BRINKHOUS-BULLITT BLDG. 228H CHAPEL HILL 27514 U OF NC	PTH AC 63 63 73 919 966-2339
SALLEE, D. SKIP BOX 3808, DUMC DURHAM 27710 MISSOURI U-KC	R 85 86 87 919 383-6548	SCOTT, LINCOLN BAIN UNC STUDENT HEALTH SERVICE CHAPEL HILL 27514 U OF PENN	ADL AC 58 61 72	SHERILL, GARY BRADLEY 200 GREEN ST. CHALET APTS. APT. K CHAPEL HILL 27514 U OF NC	S 89 00 85 919 929-2435
SALTZMAN, HERBERT AARON BOX 3823, DUMC DURHAM 27710 JEFFERSON	PUD /A AC 52 53 83 919 684-4149	SCOTT, STEVEN MARTIN 3711 STONEYBROOK DR. DURHAM 27705 INDIANA U	OBG /EM AC 74 74 79 919 383-0355	SHIELDS, MILTON BRUCE DUKE UNIVERSITY EYE CENTER DURHAM 27710 U OF OKLAHOMA	OPH AC 66 67 76 919 684-2841
SANDERS, GEO. HERBERT SUMNER 119 F-4 FIDELITY ST. CARRBORO 27510 U OF NC	S 88 00 86 919 942-0546	SEALY, WILL CAMP 777 HEMLOCK ST., BOX 6000 MACON, GA 31208 EMORY U	TS /CDS L 36 36 48 912 744-1000	SHIM, CYNIA BROWN 2609 N. DUKE ST. STE. 103 DURHAM 27704 YALE	P /PYA AC 50 54 76 919 471-3487
SANDLER, ROBERT SAMUEL UNC, 423 CLINICAL SCI. 229-H CHAPEL HILL 27514 YALE	GE AC 75 76 83 919 966-2511	SEATON, KAREN GIPSON 59 POLKS LANDING CHAPEL HILL 27514 U OF NC	IM /END S 88 00 85 919 933-9515	SHINGLETON, WILLIAM WARNER BOX 3814, DUMC DURHAM 27710 BOWMAN GRAY	GS AC 43 43 51 919 684-2282
SANFILIPPO, ALFRED PAUL 3315 STONEYBROOK DRIVE DURHAM 27705 DUKE	PTH /IG AC 76 76 74 919 684-2482	SEGRETI, EILEEN MARIE 538 FINLEY ST. DURHAM 27705 DUKE	S 88 00 919 383-7558	SHUGART, MARGARET ANN 1713 AVONDALE DR. DURHAM 27701 MED COLL OF VA	P R 84 84 84 919 688-9003
SATHER, RANDALL KENNETH 1901 HILLDALE ROAD DURHAM 27705 MED COLL OF GA	R AC 69 69 83 919 383-9407	SEIGLER, HILLIARD FOSTER BOX 3966, DUMC DURHAM 27710 U OF NC	GS AC 60 60 71 919 684-3942	SIEFKER, JOSEPH DANIEL 1605 EDGEVALE RD. DURHAM 27705 LA STATE U	OTO R 83 85 83 919 688-1816
SAUTER, SUZANNE VAN HOUTEN UNC, TRAILER 33, 307-H CHAPEL HILL 27514 U OF NC	RHU /IM AC 74 74 80 919 966-5164	SEMAN, JAMES HUSTEAD DUKE UNIV. MED. CTR. DURHAM 27710 JOHNS HOPKINS	U L 36 53 54 919 684-2744	SIEKER, HERBERT OTTO BOX 3822, DUMC DURHAM 27710 WASHINGTON U	IM /A AC 48 50 55 919 684-3907
SAVITT, MICHAEL ANDREW 3702 CHIMNEY RIDGE PL. DURHAM 27713 DUKE	S 89 00 85 919 286-1989	SENIOR, ROBERT JOSEPH 500 EASTOWNE DR., SUITE 201 CHAPEL HILL 27514 JEFFERSON	ADL AC 55 56 81 919 929-3471	SILBERMAN, HAROLD REITER BOX 3975-M, DUMC DURHAM 27710 WASHINGTON U	EM /IM AC 56 57 64 919 684-5537
SAWHNEY, DEEPAK 4 GOOSENECK CIRCLE CHAPEL HILL 27514 U OF NC	S 88 00 86 919 968-1747	SERAFIN, DONALD DUMC-PLASTIC SURGERY DURHAM 27710 DUKE	PS /GS AC 64 64 74 919 684-3347	SIMONTON, CHARLES ALISON BOX 3310, DUMC DURHAM 27710 HARVARD	IM /CD AC 80 82 85 919 681-6498
SCATLIFF, JAMES HOWARD N. C. MEMORIAL HOSPITAL CHAPEL HILL 27514 NORTHWESTERN U	R AC 52 66 67 919 966-4238	SESSIONS, JOHN TURNER, JR. UNC, 324 CLINICAL SCI. 229-H CHAPEL HILL 27514 EMORY U	GE /IM AC 45 52 52 919 966-2511	SINGER, JAMES DANIEL DD6 OLD WELL CONDOS CARRBORO 27510 U OF NC	S 89 00 86 919 968-4482
SCHEIL, CHARLES DAVID 24-F STRATFORD HILLS CHAPEL HILL 27514 U OF NC	S 88 00 85 919 967-4308	SESSIONS, RICK PAUL 210 WESTBROOK DR. CARRBORO 27510 U OF NC	S 89 00 85 919 933-5880	SINGLETARY, WILLIAM VANCE 306 S. GREGSON STREET DURHAM 27701 DUKE	IM L/RT 43 44 48 919 682-5561
SCHIEBEL, HERMAN MAX 1020 ANDERSON ST. DURHAM 27705 JOHNS HOPKINS	GS /TS L 33 38 40 919 489-5109	SHACKELFORD, JOSEPH ROY, III 210 S. CAMERON ST. HILLSBOROUGH 27278 VANDERBILT U	FP AC 59 59 85 919 732-9311	SINGLETARY, WILLIAM VANCE, JR. 306 S. GREGSON STREET DURHAM 27701 DUKE	GE AC 75 78 80 919 682-5561
SCHLASEMAN, GUY W. 3643 N. ROXBORO ST. DURHAM 27704 DUKE	R AC 46 54 54 919 471-3411	SHAHADY, EDWARD JOHN UNC, TRAILER 15, 269H, DPT. FAM MD CHAPEL HILL 27514 WEST VA U	FP AC 64 76 85 919 966-3714		

32. DURHAM-ORANGE COMPONENT SOCIETY (Continued)

SISCOVICK, DAVID STUART	IM /PH AC	SOTOLONGO, CARLOS A.	FP AC	SUGARMAN, JEREMY	IM R
UNC, DEPT. OF MEDICINE	76 77 84	5501 FORTUNE RIDGE DR., STE. A	81 83 87	28 JUSTIN CT.	86 00 83
BOX 2,5039 OLD CLI.BLDG.226-H		DURHAM 27713		DURHAM 27705	
CHAPEL HILL 27514		AUTONOMA U	919 544-3737	DUKE	919 477-9435
U OF MARYLAND	919 966-2276	SPANGLER, THOMAS CLAYTON	ORS R	SUGIOKA, KENNETH	AN L/RT
SKRZYNSKI, MARY CLAIRE	S	1603 ARTHUR DR.	84 00 84	RT. #7, BAYBERRY DR.	49 54 55
140 RIDGE TR.	88 00 85	GRAHAM 27253		CHAPEL HILL 27514	
CHAPEL HILL 27514		U OF NC	919 226-6586	WASHINGTON U	919 933-0487
U OF NC	919 929-4113	SPARLING, PHILIP FREDERICK	ID /IM AC	SUGIOKA, MARY HINTERHOFF	PD AC
SLAUGHTER, THOMAS FREEMAN	S	UNC SCHOOL OF MEDICINE	62 62 70	CCSOL, BSRC 220-H	67 67 79
3443-M N. DRUID HILLS RD.	87 00 84	CHAPEL HILL 27514		UNC SCHOOL OF MEDICINE	
DECATUR, GA 30033		HARVARD	919 966-2536	CHAPEL HILL 27514	
DUKE		SPENCER, ROGER FELIX	P /PYA AC	DUKE	919 966-5171
SLEMP, CATHERINE C.	S	NCMH, 201 SOUTH WING	59 63 63	SULLIVAN, DANIEL CARL	R /P AC
869 LOUISE CIRCLE	89 00 86	CHAPEL HILL 27514		BOX 3808, DUMC	70 70 86
DURHAM 27705		HARVARD	919 966-4622	DURHAM 27710	
DUKE	919 383-8354	SPOCK, ALEXANDER	PDA /A AC	U OF VERMONT	919 684-2711
SMALL, KENT WILSON	OPH R	BOX 2994, DUMC	55 60 65	SULLIVAN, ROBERT JOSEPH, JR.	IM /FP AC
3775 GUESS ROAD #23	81 81 84	DURHAM 27710		BOX 3003, DUMC	66 71 74
DURHAM 27705		U OF MARYLAND	919 681-3364	DURHAM 27710	
TULANE U	919 684-6611	SPRAGUE, DAVID HUGH	AN AC	CORNELL U	919 684-2248
SMELZER, TIMOTHY HARVEY	IM /PUD AC	UNC-DEPT. OF ANES.	69 70 85	SUMMERS, FRED DAVIDSON, JR.	OBG RT
891 W. WILLOW DRIVE	62 69 69	CHAPEL HILL 27514		ROUTE #1, BOX 181	63 63 69
CHAPEL HILL 27514		ALBANY MED COLL	919 966-3371	CHAPEL HILL 27514	
COLUMBIA U	919 942-5123	SPRUILL, THOMAS RAYFORD	P R	U OF NC	919 929-2158
SMITH, ALLEN DALE	D /AM L/RT	RT. #5, BOX 200	83 85 86	SUMNER, BRIAN MONTGOMERY	S
182 MONTROSE	37 37 61	HILLSBOROUGH 27278		218 CEDARWOOD LANE	88 00 84
DURHAM 27707		LA STATE U	919 732-7500	CARRBORO 27510	
MED COLL OF GA	919 489-2642	STANKUS, PAUL VICTOR	AN AC	U OF NC	919 967-6473
SMITH, BRYAN WESLEY	S	7 LITCHFORD ROAD	76 76 81	SUTTON, SYLVIA	S
302 PITTSBORO ST.	88 00 84	CHAPEL HILL 27514		PO BOX 3574	88 00 85
CHAPEL HILL 27514		U OF NC	919 967-5295	CHAPEL HILL 27515	
DUKE	919 929-7447	STAREK, PETER JOSEF KARL	TS /GS AC	U OF NC	919 967-7288
SMITH, DAVID ALDEN	FP AC	UNC, DIV. OF CARDIO-SURGERY	64 64 71	SWEENEY, CHARLOTTE A.	OBG R
200 EASTOWNE DR. STE. 216	82 84 85	CHAPEL HILL 27514		RT. #2, BOX 195	83 00 83
CHAPEL HILL 27514		OHIO STATE U	919 966-3381	CONOVER 28613	
U OF CALIFORNIA	919 967-4202	STEIN, JEANNETTE FISCHER	IM AC	EAST CAROLINA U	
SMITH, DOUGLAS GRAHAM	S	1301 FAYETTEVILLE ST.	81 82 86	SWIFT, MICHAEL RONALD	IM AC
207 CONNER DR. #17	88 00 85	DURHAM 27707		NCMH, BSRC 220-H	62 62 73
CHAPEL HILL 27514		U OF NC	919 683-1316	CHAPEL HILL 27514	
U OF NC	919 967-2035	STEPHENSON, JOHN HADDON	S	NEW YORK U	919 966-2266
SMITH, HELEN ELIZABETH	R	130 HOMESTEAD RD.	89 00 85	SWIFT, RONNIE GORMAN	P AC
3312-L CIRCLE BROOK DR. SW	85 00 83	CHAPEL HILL 27514		ROUTE #7, BOX 284	75 76 81
ROANOKE, VA 24014		U OF NC	919 968-6454	CHAPEL HILL 27514	
U OF NC	703 772-3071	STEVENS, WILLIAM ROSS	S	U OF NC	919 933-5857
SMITH, IRA Q.	OBG AC	1707 WARD ST.	89 00 85	SYKES, KASSELL EUGENE, JR.	S
2609-B CARVER ST.	79 80 82	DURHAM 27707		306 ESTES DR., APT. G-11	88 00 85
DURHAM 27705		DUKE	919 496-3046	CARRBORO 27510	
BOWMAN GRAY	919 471-1573	STEVENSON, KARL	CHP /P AC	U OF NC	919 942-8492
SMITH, SCOTT VICTOR	S	2609 N. DUKE ST., STE. 103	66 66 73	SYKES, LISA CAROL	S
3310 DEVON RD.	90 00 86	DURHAM 27704		204-A HOWELL ST.	89 00 85
DURHAM 27707		BOWMAN GRAY	919 471-3487	CHAPEL HILL 27514	
U OF NC	919 493-2983	STICKEL, DELFORD LEFEW	GS AC	U OF NC	919 968-4727
SMITH, SPENCER MARION	S	BOX 3917, DUMC	53 58 62	TAFT, TIMOTHY NED	ORS AC
206 ALEXANDER ST., APT. E	89 00 85	DURHAM 27710		UNC, DIV. OF ORS	69 72 73
DURHAM 27705		DUKE	919 684-6129	CHAPEL HILL 27514	
DUKE	919 684-1502	STOKES, THOMAS ANGLIER, JR.	GYN AC	U OF MISSOURI	919 966-2039
SNEDEKER, JEFFREY DAVID	PD /ID R	2609 N. DUKE ST., STE. 102	55 55 60	TALBERT, LUTHER MARCUS	OBG /END AC
BOX 31085, DUMC	82 85 85	DURHAM 27704		N. C. MEMORIAL HOSPITAL	53 59 59
DURHAM 27710		DUKE	919 477-2183	CHAPEL HILL 27514	
U OF WISCONSIN	919 684-6610	STONE, LISA MARIE	S	U OF VIRGINIA	919 966-5438
SOCKWELL, SAMUEL THOMAS	S	21 PRESTWICK PLACE	88 00 85	TALTON, INGEBORG HILDEBRAND	AN AC
209-C BRANSON ST.	88 00 85	DURHAM 27705		2725 MONTGOMERY ST.	51 66 68
CHAPEL HILL 27514		DUKE	919 286-2377	DURHAM 27705	
U OF NC	919 933-6668	STOPFORD, WOODHALL	OM /IM AC	JUSTUS-LIEBIG U	919 684-3591
SOFLEY, CARL WILSON, JR.	R	BOX 2914, DUMC	69 70 80	TARRY, WALLACE CLEMENTS	S
319 KILBOURNE RD.	86 00 84	DURHAM 27710		208 E. KNOX ST.	89 00 85
COLUMBIA, SC 29205		HARVARD	919 684-6677	DURHAM 27702	
U OF NC	803 254-5847	STRATTON, IDA JANICE DEAS	PD /PH AC	DUKE	919 693-3223
SOLTYS, JOHN JOSEPH	P /CHP AC	414 E. MAIN ST.	61 61 84	TAYLOR, CATHERINE ANNE	CHP /PD AC
UNC, MEDICAL WING D, 208-H	59 59 79	DURHAM 27701		NCMH, DIV. OF CHILD PSY.	57 57 70
CHAPEL HILL 27514		TULANE U	919 682-8176	CHAPEL HILL 27514	
HARVARD	919 966-5277	STRATTON, JOHN PERLEY	IM /HEM AC	U OF TENNESSEE	919 966-2166
SOMERS, WILLIAM ALAN	ORS AC	2609 N. DUKE ST., STE. 304	61 61 69	TAYLOR, JENNIFER ELAINE	AN AC
1830 HILLANDALE ROAD	72 72 81	DURHAM 27704		BOX 3061, DUMC	78 79 84
DURHAM 27705		HARVARD	919 471-8446	DURHAM 27710	
DUKE	919 286-1249	STROPE, GERALD LELAND	PD /PUD AC	U OF MARYLAND	919 684-2945
SOMKUTI, STEPHEN GEORGE	S	UNC, 635 CLINICAL SCI. BLDG.	74 75 81	TENNISON, MICHAEL BYRON	CHN /PD AC
2601 STUART DR.	90 00 86	CHAPEL HILL 27514		UNC SCHOOL OF MEDICINE	75 79 81
DURHAM 27707		U OF ROCHESTER	919 966-1055	751 BURNETT-WOMACK BLDG. 229-H	
U OF NC	919 489-9434	STROUP, T. SCOTT	S	CHAPEL HILL 27514	
SORROW, JOHN MITCHELL, JR.	IM /CD AC	108 STINSON ST.	89 00 85	HARVARD	919 966-2528
N. C. MEMORIAL HOSPITAL	46 46 54	CHAPEL HILL 27514			
CHAPEL HILL 27514		U OF NC			
U OF PENN	919 962-8336				

32. DURHAM-ORANGE COMPONENT SOCIETY (Continued)

TENNYSON, GARY S. 720 SHADY LAWN RD. CHAPEL HILL 27514 U OF NY-ST BROOK	PTH R 85 85 87	URBANIAK, JAMES RANDOLPH BOX 2912, DUKE HOSPITAL DURHAM 27710 DUKE	ORS /HS AC 62 62 70	WALTHER, PHILIP JOHN BOX 3314, DUMC DURHAM 27710 DUKE	U AC 75 77 83
TEPLIN, STUART WARREN UNC,DDDL/BSRC 220-H CHAPEL HILL 27514 U OF PENN	PD AC 73 74 83	UTHE, WILLIAM FREDERICK 1901 HILLANDALE ROAD DURHAM 27705 MED COLL OF OHIO	IM AC 74 77 80	WARBURTON, SAMUEL W.,JR. 407 CRUTCHFIELD STREET DURHAM 27704 U OF PENN	FP AC 69 70 81
TERRELL, GRACE EMERSON 111 BREMROSE CIR. DURHAM 27705 DUKE	S 89 00 85	VAN DYKE, ALLEN H., JR. 2609 N. DUKE ST., STE. 204 DURHAM 27704 BOWMAN GRAY	OBG /GYN AC 71 71 77	WARD, WILLIAM GOODE 21 GORHAM PLACE DURHAM 27705 DUKE	ORS R 78 80 84
TERRY, ROY CLARENCE 4-L ESTES PARK APTS. CARRBORO 27510 U OF NC	S 89 00 86	VAN TASSEL, ERIC D. 410 EDGELAND PLACE BIRMINGHAM, AL 35209 U OF NC	IM /CD R 82 82 79	WARDEN, CLARK GERARD 212 CEDARWOOD LANE CARRBORO 27510 TULANE U	GS R 84 84 84
THIELMAN, NATHAN M. 2752 MIDDLETON AVE. APT. 31-J DURHAM 27705 DUKE	S 90 00 86	VANDIVIERE, H. MAC U. OF KENTUCKY, PED. MN 102 LEXINGTON, KY 40536 U OF NC	PUD /PD AC 60 60 61	WARREN, JEFFERY STEVEN C/O W. JEFF WARREN 227 W. MARSH ST. SALISBURY 28144 DUKE	EM /GS R 82 82 80
THIERJUNG, CHRISTINA 1915 ERWIN RD. APT. D DURHAM 27705 DUKE	S 89 00 86	VARIA, INDIRA MAHESH BOX 3857, DUMC DURHAM 27710 M P SHAH MED COL	P AC 68 76 81	WASHINGTON, MARY KAY 503 E. TRINITY AVE. DURHAM 27701 U OF NC	PTH S 87 00 84
THOMAS, COLIN GORDON, JR UNC,BURNETT-WOMACK 229H CHAPEL HILL 27514 U OF CHICAGO	GS AC 43 52 52	VARIA, MAHESH AMRATLAL RADIATION ONCOLOGY-UNC NCMH BASEMENT CHAPEL HILL 27514 U OF LIVERPOOL	TR AC 67 73 77	WATKINS, WALTER DAVID BOX 3081, DUMC DURHAM 27710 U OF COLORADO	AN /PA AC 75 78 84
THOMPSON, ERVIN MAGNUS 3643 N. ROXBORO ST. DURHAM 27704 VANDERBILT U	P AC 72 76 86	VARTANIAN, VARTAN 23 CLOVER PL. DURHAM 27705 DUKE	AN RT 61 66 77	WATSON, RICHARD BALDWIN 816 ARCHDALE DR. DURHAM 27707 TULANE U	AN R 80 80 85
THOMPSON, LAWRENCE KESLAR, III 2609 N. DUKE ST., STE. 401 DURHAM 27704 DUKE	PS AC 61 61 70	VAUGHAN, DANIEL PATRICK UNC, STUDENT HEALTH CHAPEL HILL 27514 WAYNE STATE U	IM /ADL AC 71 72 75	WATTS, CHARLES DEWITT 510 SIMMONS STREET DURHAM 27701 HOWARD U	GS /ABS AC 43 45 67
TIEDEMAN, JAMES STUART BOX 3802, DUMC DURHAM 27710 DUKE	OPH AC 77 80 83	VAUGHAN, ROBERT WILLIAM 101 BARNHILL PLACE CHAPEL HILL 27514 U OF TEXAS-SW	AN AC 66 66 84	WEAVER, JAMES PHILLIP 1830 HILLANDALE ROAD DURHAM 27705 U OF PENN	GS /CDS AC 69 71 84
TOLLEY, AUBREY GRANVILLE 110 LAUREL HILL ROAD CHAPEL HILL 27514 U OF VIRGINIA	P AC 52 56 56	VICK, WILLIAM WOODROW 214 TALLYHO TRAIL CHAPEL HILL 27514 DUKE	PTH S 87 00 84	WEBB, BAILEY APT. 14, ALASTAIR COURT APTS. 300 SWIFT AVE. DURHAM 27705 DUKE	PD L 46 49 49
TOMSICK, ROBERT S. UNC, DEPT. OF DERMATOLOGY CHAPEL HILL 27514 U OF NC	D AC 76 77 85	VIGLIONE, CHERYL ANNE 213 NORTHWOOD DR. CHAPEL HILL 27514 PENN STATE U	DR /GP AC 79 79 82	WEBB, MICHAEL STEPHEN, JR. 229-A BRIDGEFIELD PLACE DURHAM 27705 DUKE	S 89 00 85
TRACHMAN, JAYNE FELICIA 1909 YEARBY AVE., APT. F DURHAM 27705 DUKE	S 89 00 85	VOGLER, JAMES BREVARD, III BOX 3808, DUMC DURHAM 27710 BOWMAN GRAY	DR AC 77 77 74	WEBER, ERIC D. 2 CARSON CIRCLE DURHAM 27705 SYRACUSE	NS R 81 82 85
TRASK, TODD WILSON 112 MOSS BARK LANE CHAPEL HILL 27514 U OF NC	S 89 00 86	VUKOSON, MATTHEW BRUCE UNC, STUDENT HEALTH SERVICE CHAPEL HILL 27514 WEST VA U	FP AC 77 78 81	WEBSTER, GEORGE DAVID DUMC, DIV. OF UROLOGY DURHAM 27710 U OF BIRMINGHAM	U AC 68 77 79
TRAVIS, JO MARLENE 45 HARDING AVENUE BRANFORD, CT 06405 U OF NC	AN R 86 00 85	WADSWORTH, JOSEPH A.C. 1830 HILLANDALE RD. DURHAM 27705 DUKE	OPH L 39 65 65	WECHSLER, ANDREW STEPHEN DUKE UNIV. MED. CTR. DURHAM 27710 DOWNSTATE ME CTR	CDS /GS AC 64 68 81
TREMONT, STEPHEN J. 4420 LAKE BOONE TRAIL REX CANCER CENTER RALEIGH 27607 TUFTS U	ON AC 74 79 86	WALKER, RICHARD ISLEY N. C. MEMORIAL HOSPITAL CHAPEL HILL 27514 HARVARD	IM /HEM AC 54 54 62	WEINER, JOHN LOUIS DUKE, DEPT. OF SURGERY DURHAM 27710 HARVARD	U /GS AC 67 71 73
TRUETT, ARTIS PRESTON, III 2672 HITCHCOCK DR. DURHAM 27705 DUKE	S 88 00 84	WALLACE, ANDREW G. BOX 3708, DUMC DURHAM 27710 DUKE	CD AC 59 60 87	WEINRICH, A. ELISE 2609 N. DUKE ST. STE. 505 DURHAM 27704 MED U OF SC	D AC 78 78 83
TUCKER, LANDRUM S., JR. FRANKLIN SQUARE, BLDG 900-A CHAPEL HILL 27514 STANFORD U	PYA /CHP AC 66 66 74	WALSTON, ABE, II 306 S. GREGSON STREET DURHAM 27705 DUKE	CD /IM AC 63 63 76	WEISS, JAMES RICHARD 400 EASTOWN DR., STE. 102 CHAPEL HILL 27514 LA STATE U	P AC 73 76 79
TURNER, LARRY 1110 W. MAIN STREET DURHAM 27701 DUKE	OPH /OTO L 39 41 47	WALTERS-SCHERRER, BARBARA A. 417 COLONY WOODS DR. CHAPEL HILL 27514 MI. ST U-OST MED	R 85 85 86	WEISS, MATTHEW JAY 910 CONSTITUTION #1003 DURHAM 27705 MI. ST U-OST MED	GER R 79 00 87
TURPIN, JAMES WESLEY 231 FOREST HILL RD. CHAPEL HILL 27514 EMORY U	OM /FP R 55 55 81	WALTERS, BRADFORD BLAIR UNC-NEUROSURGERY BURNETT-WOMACK BLDG 229H CHAPEL HILL 27514 HARVARD	NS AC 79 80 86	WEISSLER, MARK C. 610 BURNETT-WOMACK BLDG.229H UNC SCHOOL OF MEDICINE CHAPEL HILL 27514 BOSTON U	OTO /HNS AC 80 80 86
WEED, JOHN LINDSEY 811 VICKERS AVE. DURHAM 27701 DUKE	S 88 00 85				

32. DURHAM-ORANGE COMPONENT SOCIETY (Continued)

WEITZNER, STANLEY WALLACE 417 LYONS ROAD CHAPEL HILL 27514 NEW YORK U	AN AC 53 54 78 919 684-2425	WILSON, JAMES STEPHENSON 1830 HILLDALE ROAD DURHAM 27705 DUKE	GS L 37 47 47 919 383-5531	WYNN, TONJA MICHELLE 136-B PUREFOY RD. CHAPEL HILL 27514 U OF NC	S 89 00 85 919 929-4216
WELLMAN, DAVID KENTON 2413 MONT HAVEN DR. DURHAM 27712 DUKE	GS /EM AC 72 72 79 919 383-5055	WILSON, PATRIC ALOYSIUS 10A CEDAR VILLAGE CHAPEL HILL 27514 U OF NC	S 90 00 86 919 967-8931	WYSOR, WILLIAM GEOFFREY, JR. 306 S. GREGSON STREET DURHAM 27701 U OF VIRGINIA	IM /GE AC 50 57 57 919 682-5561
WELLS, JAMES SHELTON, JR. ROUTE #3, BOX 456 HILLSBOROUGH 27278 U OF NC	P /PYM AC 77 78 75 919 967-6353	WILSON, WILLIAM PRESTON P. O. BOX 2347 BURLINGTON 27215 DUKE	P AC 47 50 53 919 229-6049	YADAV, SANJAY SINGH BOX 3053, DUMC DURHAM 27710 WEST VA U	N /IM R 83 84 86 919 286-2352
WELLS, WARNER LEE 109 PARK PLACE #4 CHAPEL HILL 27514 DUKE	GS L/RT 38 41 46 919 968-0069	WINFIELD, JOHN BUCKNER UNC DEPT. OF MEDICINE CHAPEL HILL 27514 CORNELL U	RHU /IM AC 68 69 79 919 966-4191	YANCY, WILLIAM SAMUEL 306 S. GREGSON STREET DURHAM 27701 DUKE	PD /ADL AC 65 65 72 919 688-6349
WERTMAN, DANIEL EDWARD, JR. DURHAM GEN. HOSP-RAD. DURHAM 27704 OHIO STATE U	R AC 76 77 84 919 471-3411	WOLFE, WALTER GEORGE BOX 3507, DUMC DURHAM 27710 TEMPLE U	CDS /TS AC 63 63 72 919 684-4117	YARBROUGH, WENDELL GRAY 320 ASHLEY FOREST RD. CHAPEL HILL 27514 U OF NC	S 89 00 86 919 924-2447
WESTON, BRENT WILLIAM 301 OLD FOX TRAIL DURHAM 27713 DUKE	PD R 85 85 85 919 489-1765	WOMBLE, JAMES CORNELIUS 170 PENMOKEN PARK LEXINGTON, KY 40503 U OF NC	R 86 00 83 606 278-3081	YARLEY, DEWEY HOBSON 2609 N. DUKE STREET DURHAM 27704 U OF NC	IM AC 56 56 65 919 471-8481
WHALEN, ROBERT EMMET DUKE UNIV. MED. CTR. DURHAM 27710 CORNELL U	CD /IM AC 56 59 68 919 684-6315	WOMBWELL, JOSEPH 2417 BRUTON DURHAM 27706 U OF KENTUCKY	ORS /HS R 80 81 84 919 489-9312	YEAGER, CHARLES FRANK 4205 LIVINGSTONE PLACE DURHAM 27707 U OF ALABAMA	TR /PTH R 74 84 84
WHALEY, ROBERT ALLAN 748 SHADYLAWN ROAD CHAPEL HILL 27514 M C OF WISCONSIN	DR /N AC 58 66 80 919 966-4397	WOOD, WILLIAM BAINSTER UNC, 231 MACNIDER BLDG. CHAPEL HILL 27514 U OF NC	IM /PUD AC 56 56 63 919 962-2118	YEH, FLORA MEI-CHING 4408-B AMERICAN DR. DURHAM 27705 DUKE	S 90 00 86 919 286-9229
WHANGER, ALAN DUANE 1712 WOODBURN ROAD DURHAM 27705 DUKE	P AC 56 56 70 919 684-2545	WOODARD, PAMELA K. 201 ALEXANDER ST. APT. AA DURHAM 27705 DUKE	S 90 00 86 919 684-7402	YOSHINO, PAUL HARUTAKA 1315 MORRENE RD. APT. 27-J DURHAM 27705 DUKE	S 88 00 84 919 383-6059
WHATLEY, JOSEPH WILLIAM, JR. 2919 COLONY ROAD DURHAM 27705 DUKE	PDA /A AC 59 59 63 919 489-9158	WOODLEY, DAVID TIMOTHY NCMH, DEPT. OF DERM., ROOM CHAPEL HILL 27514 U OF MISSOURI	D /IM AC 137 73 76 85 919 966-4506	YOUNG, DANIEL TEST UNC, 338 CLINICAL SCI. 229-H CHAPEL HILL 27514 HARVARD	CD /IM AC 50 50 57 919 966-4602
WHEELER, CLAYTON EUGENE, JR. NCMH, DEPT. OF DERMATOLOGY CHAPEL HILL 27514 U OF WISCONSIN	D /IM AC 41 62 62 919 966-4507	WOODRUFF, WILLIAM WALTER, III PO BOX 5007 HIGH POINT 27262 DUKE	DR R 82 83 84	YOUNG, NOEL WILLIAM, JR. 2609 N. DUKE STREET DURHAM 27704 DUKE	OPH AC 63 63 70 919 471-8495
WHISNANT, JOHN KEENAN, JR. 237 HUNTINGTON DR. CHAPEL HILL 27514 BOWMAN GRAY	PD /ON AC 68 68 80 919 248-4160	WOODS, JON POINTON 113 PUREFOY ROAD, APT. D CHAPEL HILL 27514 U OF NC	S 88 00 83 919 942-0654	YOUNG, WILLIAM GLENN, JR. DUKE UNIV. MED. CTR. DURHAM 27710 DUKE	TS /CDS AC 48 50 57 919 684-2037
WHITESIDES, DANIEL BAXTER 4404 CHESHIRE CT. DURHAM 27705 DUKE	OBG /END R 76 85 85 919 383-8731	†WORDE, BOYD THOMAS BOX 3085, DUKE HOSPITAL DECEASED - 3-19-87 DURHAM 27710 U OF TENNESSEE	TR AC 47 59 59 919 684-3742	YOUNG, WILLIAM P. W. UNC STUDENT HEALTH SERVICE CHAPEL HILL 27514 MED COLL OF VA	ADL /PD AC 58 58 81 919 966-2281
WILCOX, BENSON REID 108 BURNETT-WOMACK UNC, 229-H CHAPEL HILL 27514 U OF NC	CDS AC 57 57 65 919 966-3381	WORKMAN, JOSEPH BERKELEY 219 COUNTRY CLUB DRIVE DURHAM 27712 U OF MARYLAND	NM /IM AC 46 46 72 919 681-2711	YOUNT, WILLIAM JAY UNC, 932 FLOB BLDG. 231-H CHAPEL HILL 27514 U OF WISCONSIN	RHU /AI AC 60 60 70 919 966-4191
WILCOX, WILLIAM DAVID 116 CRUTCHFIELD ST. DURHAM 27704 U OF PITTSBURGH	OPH AC 70 71 84 919 477-8050	WORLEY, GORDON, III 307 BIRCH CIRCLE CHAPEL HILL 27514 HARVARD	PD AC 73 73 87 919 683-6890	YOWELL, ROBERT KLUTTZ 2609 N. DUKE ST., STE. 204 DURHAM 27704 DUKE	OBG AC 61 61 69 919 471-8402
WILFERT, CATHERINE M. MINOCK BOX 2951, DUMC DURHAM 27710 HARVARD	PD /ID AC 62 62 85 919 684-6610	WRIGHT, JOHN JOSEPH 105 LAUREL HILL CIRCLE CHAPEL HILL 27514 VANDERBILT U	PH L/RT 35 35 42 919 942-4557	ZAROFF, WENDY ANNE 3-J POST OAK RD. DURHAM 27705 DUKE	S 89 00 85 919 383-7827
WILKINSON, ROBERT HOLDEN, JR. BOX 3949, DUMC DURHAM 27710 WASHINGTON U	NM /R AC 58 67 68 919 681-2711	WRIGHT, PAUL HARLAN 1901 HILLDALE ROAD DURHAM 27705 BOWMAN GRAY	ORS AC 74 74 73 919 383-1511	ZELDIN, DARRYL C. 4800 UNIVERSITY DR. DURHAM 27707 INDIANA U	IM R 86 86 86 919 286-3909
WILLIAMS, EDWARD SUTHERLIN 306 S. GREGSON STREET DURHAM 27701 U OF NC	IM /CD AC 54 54 64 919 682-5561	WU, JUSTIN JA-LI BOX 2826, DUMC DURHAM 27710 DUKE	S 90 00 86 919 781-7251	ZISLIS, PAUL DAVID 1002 WILLOW DR. #58 CHAPEL HILL 27514 AUTONOMA U	P R 81 00 87 919 933-7750

33. EDGEcombe COMPONENT SOCIETY

OFFICERS—**President:** Deborah Fulbright, M.D., 1203 Howard Ave., Tarboro 27886 (919 641-7155)**Secretary:** John G. Morgan, M.D., 101 Clinic Dr., Tarboro 27886 (919 823-2105)

BROOKS, JOHN IRVING, JR.	IM AC	HUSSEY, HOWARD SUMMERELL, JR.	FP L/RT	NEWTON, DALE ALAN	IM/PD AC
TARBORO CLINIC	58 58 64	908 ST. ANDREW STREET	42 42 43	101 CLINIC DRIVE	73 74 75
101 CLINIC DR.		TARBORO 27886		TARBORO 27886	
TARBORO 27886		JEFFERSON	919 823-2534	U OF NC	919 823-2105
U OF NC	919 823-2105	KELSH, JAMES MICHAEL	GS AC	PETERS, ROBERT BROOKES, IV	FP AC
CRAWFORD, ROBERT ORR, JR.	OPH AC	101 CLINIC DRIVE	58 58 69	101 CLINIC DRIVE	80 81 84
101 CLINIC DR.	54 54 58	TARBORO 27886		TARBORO 27886	
TARBORO 27886		U OF MARYLAND	919 823-2105	U OF NC	919 823-2105
BOWMAN GRAY	919 823-2105	LEBLANG, STEVEN SETH	FP AC	QUIGLESS, MILTON DOUGLAS, SR.	GP/D AC
CUTCHIN, LAWRENCE MCGILBRA	IM/PD AC	PO BOX 688	81 82 85	P. O. BOX 368	34 34 80
RT. #3, BOX 325	62 62 69	PINETOPS 27864		TARBORO 27886	
TARBORO 27886		BOWMAN GRAY	919 827-5135	MEHARRY MED COLL	919 823-2112
U OF NC	919 823-2105	LEE, DAVID WAYNE	AC	ROBERSON, EDWARD LEON	GS L/RT
DREW, JOHN EDWIN	FP AC	101 CLINIC DR.	82 00 79	807 MAIN STREET	34 34 37
P. O. BOX 337	60 60 61	TARBORO 27886		TARBORO 27886	
MACCLESFIELD 27852		U OF NC	919 823-2105	U OF MARYLAND	919 823-3035
BOWMAN GRAY	919 827-5231	MARROW, JANE GREGORY	GYN AC	TEMPLE, PETER LIVERMORE	FP AC
FULBRIGHT, DEBORAH KAY	PTH AC	1003 MAIN STREET	43 43 71	101 CLINIC DRIVE	63 68 68
1203 HOWARD AVE.	79 79 84	TARBORO 27886		TARBORO 27886	
TARBORO 27886		DUKE	919 823-8491	EMORY U	919 823-2105
U OF ARKANSAS	919 641-7155	MILLER, DAVID CHARLES	ORS AC	THOMPSON, KENNETH COCHRAN	P AC
HEMINGWAY, GEORGE CAPERS, JR.	IM/PD AC	123 HOSPITAL DR.	80 80 86	101 CLINIC DRIVE	61 61 71
101 CLINIC DRIVE	63 63 70	TARBORO 27886		TARBORO 27886	
TARBORO 27886		HAHNEMANN	919 823-7212	U OF CINCINNATI	919 823-2105
U OF NC	919 823-2105	MORGAN, JOHN GARLAND	GS/CDS AC	VICK, HENRY VERNELL	FP AC
HIX, MARK TIMOTHY	IM AC	101 CLINIC DR.	62 62 75	101 CLINIC DRIVE	55 55 59
101 CLINIC DR.	81 82 85	TARBORO 27886		TARBORO 27886	
TARBORO 27886		DUKE	919 823-2105	BOWMAN GRAY	919 823-2105
BOWMAN GRAY	919 823-2105	NAVE, LESTER DAVID, JR.	FP AC	WINSLOW, JAMES WEEKS	FP AC
HUGHES, RONALD EUGENE	FP/OM AC	111 FAIRVIEW ROAD	81 83 85	101 CLINIC DRIVE	75 75 79
PO BOX 760	78 79 82	ROCKY MOUNT 27801		TARBORO 27886	
WHITAKERS 27891		BOWMAN GRAY	919 446-3333	U OF NC	919 823-2105
U OF NC	919 437-2171				

34. FORSYTH-STOKES-DAVIE COMPONENT SOCIETY

OFFICERS—**President:** M. Robert Cooper, M.D., 300 S. Hawthorne Rd., Winston-Salem 27103 (919 748-4300)**Secretary:** William J. Spencer, M.D., 2933 Maplewood Ave., Winston-Salem 27103 (919 765-6020)**Executive Director:** Mr. James T. Robinson, 1401-D Old Mill Circle, Winston-Salem 27103 (919 760-1235)

ADAMS, HARLEY STEWART	R L/RT	ALSON, ROY LEE	EM R	BAGWELL, ROBERTA L.	S
2710 ST. CLAIRE ROAD	42 50 50	4447 LAUREL OAKS DR.	85 00 83	1811 ELIZABETH AVE.	90 00 87
WINSTON-SALEM 27106		ALLISON PARK, PA 15101		WINSTON-SALEM 27103	
CASE WESTERN RES	919 768-3555	BOWMAN GRAY	412 359-3131	BOWMAN GRAY	919 722-3154
ADAMS, MELANIE	S	ALSUP, ROBERT MARTIN	OTO AC	BAHNSON, EDWARD REID	IM/OM L/RT
300 S. HAWTHORNE RD., BOX 447	89 00 85	175 CHARLOIS BLVD., STE. 101	74 77 80	2725 WINDSOR ROAD	42 42 48
WINSTON-SALEM 27103		WINSTON-SALEM 27103		WINSTON-SALEM 27104	
BOWMAN GRAY	919 760-2292	U OF NC	919 768-3361	U OF PENN	919 768-7784
ADAMS, PATRICIA LEE	NEP/IM AC	ALSUP, WILLIAM BYRN, JR.	OTO L/RT	BALL, JAMES DALE	NM AC
300 S. HAWTHORNE RD.	74 74 80	261 WESTVIEW DR. SW	40 47 49	DIV. OF NUCLEAR MEDICINE	69 70 78
WINSTON-SALEM 27103		WINSTON-SALEM 27104		WINSTON-SALEM 27103	
BOWMAN GRAY	919 748-4538	MED COLL OF GA	919 724-0487	NORTHWESTERN U	919 748-3520
ALBERTSON, DAVID ALLEN	GS AC	ANDERSON, ROBERT LOUIS	OBG AC	BALL, MARSHALL RAY	DR AC
BOWMAN GRAY	72 72 73	301 CENTRAL ROAD	68 68 79	BOWMAN GRAY, DEPT. OF RAD.	68 68 77
DEPT. OF SURGERY		CLEMMONS 27012		WINSTON-SALEM 27103	
WINSTON-SALEM 27103		CREIGHTON U	919 760-0444	BOWMAN GRAY	919 748-4435
U OF VIRGINIA	919 748-4442	ANDERSON, STEPHEN GRIFFITH	OBG AC	BARBER, TRACY EZRA	OM
ALEXANDER, BRIAN A.	S	2927 LYNTHURST AVENUE	63 63 71	3009 LOOKOUT COURT	43 46 78
217-B NEW DR. APT. D	90 00 86	WINSTON-SALEM 27103		DECEASED - 4-87	
WINSTON-SALEM 27103		EMORY U	919 765-9350	WINSTON-SALEM 27106	
BOWMAN GRAY	919 722-7946	ANDREW, RAYMOND HALL	P AC	TEMPLE U	919 768-0555
ALEXANDER, EBEN, JR.	NS L	779 OAKLAWN AVE.	70 71 84	BARNHILL, LARRY JARRETT, JR.	CHP/P AC
BOWMAN GRAY SCH. OF MED.	39 48 48	WINSTON-SALEM 27104		190 CHARLOIS BLVD.	75 75 80
WINSTON-SALEM 27103		U OF ILLINOIS	919 768-4730	WINSTON-SALEM 27103	
HARVARD	919 748-4082	ANGELO, JEAN NICHOLAS	NA/PTH AC	BOWMAN GRAY	919 768-6930
ALLEN, DAVID HENRY	CHP/P AC	BOWMAN GRAY, DEPT. OF PTH	50 55 80	BARRETT, ROLLAND JOHN, II	GYN/ON AC
1334 ASHLEY SQUARE	64 64 72	WINSTON-SALEM 27103		300 S. HAWTHORNE RD.	79 80 85
WINSTON-SALEM 27103		TUFTS U	919 748-4311	WINSTON-SALEM 27103	
WASHINGTON U	919 765-1866	ANTONAKOS, THEODORE	GS L	U OF MICHIGAN	919 748-2011
ALLEN, ELMS LEACH	HEM/ON AC	P. O. BOX 8	35 36 46	BARTON, JOHN HOMER, JR.	S
3314 HEALY DR. STE. 107	66 66 74	DANBURY 27016		160 SARATOGA ST.	87 00 85
WINSTON-SALEM 27103		MED COLL OF GA	919 593-8276	WINSTON-SALEM 27103	
BOWMAN GRAY	919 768-2521	ASSIMOS, DEAN GEORGE	U AC	BOWMAN GRAY	919 765-7946
ALLEN, JOANNE BELL	S	BOWMAN GRAY SCH. OF MEDICINE	77 78 86	BASS, DAVID ALDEN	ID/IM AC
PO BOX 448	89 00 86	WINSTON-SALEM 27103		BOWMAN GRAY, DEPT. OF IM	68 74 83
300 S. HAWTHORNE RD.		LOYOLA U	919 748-4131	WINSTON-SALEM 27103	
WINSTON-SALEM 27103		AUSTIN, WILLIAM ELLIOT	GE/IM AC	JOHNS HOPKINS	919 748-4246
BOWMAN GRAY	919 777-8288	1830 HAWTHORNE ROAD	75 76 81		
		WINSTON-SALEM 27103			
		MED COLL OF VA	919 765-0463		

34. FORSYTH-STOKES-DAVIE COMPONENT SOCIETY (Continued)

BEASON, EDWARD STEWART 1732 S. HAWTHORNE ROAD WINSTON-SALEM 27103 U OF ALABAMA	PS AC 63 64 73 919 765-3540	BOWTON, DAVID LOWELL DEPT. OF MEDICINE BOWMAN GRAY SCH. OF MEDICINE WINSTON-SALEM 27103 U OF ILLINOIS	PUD AC 75 76 81 919 748-4649	BUSS, DAVID HUMPHREY 237 GRANDVIEW DRIVE WINSTON-SALEM 27104 BOWMAN GRAY	PTH /HEM AC 66 66 81 919 748-2641
BEESE, STEPHEN ARTHUR 429 S. SUNSET DRIVE WINSTON-SALEM 27103 MED U OF SC	FP AC 82 83 83 919 722-1748	BOYCE, WILLIAM HENRY BOWMAN GRAY SCH. OF MED. WINSTON-SALEM 27103 VANDERBILT U	U AC 44 52 52 919 748-4131	BUTLER, JAMES HILTON 3155 MAPLEWOOD AVENUE WINSTON-SALEM 27103 U OF MISSISSIPPI	R AC 60 64 68 919 765-2702
BELL, WILLIAM OSGOOD BOWMAN GRAY, DEPT. OF NS WINSTON-SALEM 27103 HAHNEMANN	NS AC 77 78 85 919 748-4047	BOYER, JAY ALLEN 250 CHARLOIS BOULEVARD WINSTON-SALEM 27103 TUFTS U	DR AC 66 70 77 919 768-4730	BUTLER, RADFORD NORMAN 2240 CLOVERDALE AVE., STE. 206 WINSTON-SALEM 27103 BOWMAN GRAY	IM AC 50 50 53 919 725-7587
BEY, RICHARD DOUD 160 CHARLOIS BOULEVARD WINSTON-SALEM 27103 YALE	N AC 79 79 84 919 768-5834	BOYETTE-KOURI, FRANCES BOWMAN GRAY, BOX 190 WINSTON-SALEM 27103 BOWMAN GRAY	S 87 00 84 919 723-7169	BUTTERWORTH, JOHN F., IV 300 S. HAWTHORNE RD. WINSTON-SALEM 27103 MED COLL OF VA	AN AC 79 79 86 919 748-2439
BICKET, DAPHNE PATRICIA 2318-C ARDMORE TERRACE WINSTON-SALEM 27103 BOWMAN GRAY	S 87 00 86 919 723-4862	BOYETTE, GRAY THOMAS 2933 MAPLEWOOD AVENUE WINSTON-SALEM 27103 BOWMAN GRAY	IM /GE AC 60 60 66 919 765-1640	BYRD, KERRY WENDELL 152 CHARLESTOWNE CIRCLE WINSTON-SALEM 27103 BOWMAN GRAY	S 89 00 86 919 765-3033
BILLINGS, JACK SMITH 540 HOLMES DRIVE RURAL HALL 27045 BOWMAN GRAY	FP AC 58 59 62 919 969-9158	BRANCH, CHARLES LEON, JR. 315 JANET ST. WINSTON-SALEM 27104 U OF TEXAS-SW	NS R 81 83 86 919 768-7017	CALDWELL, GEORGE LEONHARD, JR. 2038 QUEEN ST. WINSTON-SALEM 27103 BOWMAN GRAY	S 88 00 85 919 722-3629
BISHOP, PATTE JAYNE 300 S. HAWTHORNE RD. WINSTON-SALEM 27103 U OF CA-DAVIS	PDS AC 76 77 86 919 748-4502	BRANCH, JAMES DAVID 224 TOWN RUN LANE WINSTON-SALEM 27101 HOWARD U	OPH AC 73 74 77 919 723-0748	CAMPBELL, CHARLES BRUCE, III 2827 LYNDDURST AVE., STE. 204 WINSTON-SALEM 27103 U OF VIRGINIA	OPH AC 76 78 82 919 768-0725
BITTINGER, ISABEL 118 S. CHERRY ST., PO BOX 10668 WINSTON-SALEM 27108 JOHNS HOPKINS	ORS L 36 39 48 919 725-0656	BRANHAM, HENRY EZELL, JR. 1409 PLAZA WEST RD., STE. E WINSTON-SALEM 27103 MED U OF SC	P /HYP AC 57 57 82 919 768-9393	CANNON, THOMAS BERNARD 2805 LYNDDURST AVENUE WINSTON-SALEM 27103 U OF NC	FP AC 73 73 78 919 768-8890
BLAKE, DAMON DALTON BOWMAN GRAY SCH. OF MED. WINSTON-SALEM 27103 COLUMBIA U	TR AC 50 55 58 919 748-4981	BRICE, ROBERT SAMUEL, JR. 1901 HAWTHORNE RD., STE. 310 WINSTON-SALEM 27103 DUKE	GE /IM AC 60 60 64 919 760-4340	CANTLEY, LARRY KEITH 2933 MAPLEWOOD AVE. WINSTON-SALEM 27103 WEST VA U	END AC 77 77 87 919 765-1640
BLAKE, SIDNEY ALLEN 1730-J FRANCISCAN TERR. WINSTON-SALEM 27107 BOWMAN GRAY	S 90 00 86 919 788-5646	BRIDGER, DEWEY HERBERT, III 7901 BAYMEADOWS CIR. E#574 JACKSONVILLE, FL 32216 BOWMAN GRAY	S 87 00 85 919 745-4161	CAPIZZI, ROBERT LAWRENCE 300 S. HAWTHORNE RD. WINSTON-SALEM 27103 HAHNEMANN	ON /HEM AC 64 66 78 919 748-4464
BLEVINS, VIRGINIA KAY 250 CHARLOIS BLVD. WINSTON-SALEM 27103 MARSHALL U	IM AC 82 84 86 919 768-4730	BRITTON, BLOYCE HILL, JR. BOWMAN GRAY, DEPT. OF OTO WINSTON-SALEM 27103 U OF OKLAHOMA	OTO /OT AC 60 60 84 919 745-4161	CARLSON, KENNETH PAUL 2932 LYNDDURST AVE. WINSTON-SALEM 27103 EMORY U	U AC 55 65 65 919 765-4021
BLOOMFIELD, ROBERT LEE 741 HIGHLAND AVENUE WINSTON-SALEM 27101 DUKE	IM AC 77 79 82 919 727-8165	BROADWELL, FREEMAN EDWARD, III 306 SPLIT RAIL CIR., APT. 201 NEWPORT NEWS, VA 23602 BOWMAN GRAY	S 87 00 84 919 748-4498	CARLTON, WILLIAM YARBOROUGH 509 WESTOVER AVE. WINSTON-SALEM 27104 BOWMAN GRAY	P AC 80 82 82 919 722-9939
BLOUNT, FREDERICK ALEXANDER 2390 COLISEUM DRIVE WINSTON-SALEM 27106 U OF PENN	PD LRT 43 44 49 919 724-3072	BRODWIN, RICHARD ALAN 2825 LYNDDURST AVE., STE. 103 WINSTON-SALEM 27103 BOWMAN GRAY	/HEM AC 75 00 73 919 765-2802	CARNES, ROBERT S., III 300 S. HAWTHORNE RD. WINSTON-SALEM 27103 U OF SOU CALIF	AN AC 77 82 00 919 748-2927
BOGARD, ANN QUINN 1901 S. HAWTHORNE RD., STE. 240 WINSTON-SALEM 27103 M C OF WISCONSIN	OTO AC 74 75 80 919 768-1308	BROWN, RAEFORD E., JR. 300 S. HAWTHORNE RD. WINSTON-SALEM 27103 U OF NC	AN AC 80 82 87 919 748-4498	CARR, JENIFER 248 S. SUNSET DR. WINSTON-SALEM 27103 BOWMAN GRAY	S 89 00 85 919 773-0369
BOGARD, TERENCE DALE 5020 KNOB VIEW TR. WINSTON-SALEM 27104 M C OF WISCONSIN	AN AC 75 76 80 919 760-3954	BROWN, THOMAS LAWRENCE 145 AFTONSHIRE COURT WINSTON-SALEM 27104 BOWMAN GRAY	OBG AC 77 78 83 919 765-2802	CARTER, MARGARET FRONEBERGER FORSYTH MEMORIAL HOSPITAL 3333 SILAS CREEK PARKWAY WINSTON-SALEM 27103 BOWMAN GRAY	AN AC 75 75 80 919 760-5691
BOND, VERNARD FRANKLIN, JR. 2240 CLOVERDALE AVE., STE. 215 WINSTON-SALEM 27103 JOHNS HOPKINS	IM /CD AC 45 48 51 919 724-0181	BROWN, WILLIAM RAY, JR. 3080 TRENWEST DR. WINSTON-SALEM 27104 BOWMAN GRAY	HNS AC 70 70 80 919 765-3750	CARTY, BRIAN CLIFFORD 120-4 RAINRIDGE DR. WINSTON SALEM 27104 BOWMAN GRAY	S 90 00 85 919 765-7147
BOSTIC, WILLIAM CHIVOUS, III SALEM ORTHOPAEDIC ASSOC. PA PO BOX 25007 WINSTON-SALEM 27114 HARVARD	ORS AC 59 59 65 919 768-1270	BRUNER, ROBERT KINCAID 1732 CAMDEN ROAD WINSTON-SALEM 27103 BOWMAN GRAY	S 87 00 86 919 723-5504	CASEY, DEBORAH M. 138 N. SUNSET DR. APT. #2 WINSTON-SALEM 27101 BOWMAN GRAY	S 88 00 85 919 724-4442
BOWEN, EDWYN TAYLOR, JR 3001 MAPLEWOOD AVENUE WINSTON-SALEM 27103 EMORY U	PD AC 55 61 61 919 765-9170	BUCKALEW, VARDAMAN M. JR. 300 S. HAWTHORNE ROAD WINSTON-SALEM 27103 U OF PENN	NEP /IM AC 58 58 76 919 748-2062	CASHWELL, LEON FRANKLIN, JR. 300 S. HAWTHORNE ROAD WINSTON-SALEM 27103 U OF NC	OPH AC 72 72 82 919 748-4091
BOWER, STEPHEN LEE 3155 MAPLEWOOD AVENUE WINSTON-SALEM 27103 WEST VA U	DR AC 79 79 80 919 760-5874	BURGESS, GLENN NORMAN 190 CHARLOIS BOULEVARD WINSTON-SALEM 27103 U OF W ONTARIO	P AC 57 57 75 919 768-6930	CELESTINO, FRANK SAMUEL 3400 YORK ROAD WINSTON-SALEM 27104 U OF ROCHESTER	FP AC 78 82 84 919 748-2258
BOWMAN, MARJORIE ANN 300 S. HAWTHORNE RD. DEPT. OF FAMILY MEDICINE WINSTON-SALEM 27103 JEFFERSON	FP /GPM AC 76 76 77	BURKART, JOHN 300 S. HAWTHORNE RD. WINSTON-SALEM 27103 RUSH MED COLL	IM /NEP AC 79 80 87 919 748-3963	CHALLA, VENKATA RAMANA 200 FLINTSHIRE ROAD WINSTON-SALEM 27104 S V MEDICAL COLL	PTH /NA AC 69 75 79 919 768-0591
		BURKHART, CHARLES ANDREW 345 WESTVIEW DRIVE, S.W. WINSTON-SALEM 27104 OHIO STATE U	IM /GP AC 57 57 75 919 761-1541	CHAMBERS, ROBERT TILLMAN 104 BETHESDA MEDICAL CENTER WINSTON-SALEM 27103 DUKE	PD AC 58 58 60 919 765-5242

34. FORSYTH-STOKES-DAVIE COMPONENT SOCIETY (Continued)

CHAN, STEVEN PING BOWMAN GRAY STUDENT BOX 91 WINSTON-SALEM 27103 BOWMAN GRAY	88 00 85 919 724-1708	S	COWAN, ROBERT JENKINS 2869 FAIRMONT ROAD WINSTON-SALEM 27106 U OF NC	NM /R AC 63 63 70 919 748-4932	DAVIS, WILLIAM HERSEY, JR. 301 MILLER STREET, SUITE 108 WINSTON-SALEM 27103 DUKE	ADL /PD AC 44 44 47 919 723-1686
CHANDLER, EDGAR TED 741 HIGHLAND AVE. WINSTON-SALEM 27101 U OF NC	55 55 58 919 727-2097	IM AC	COWARD, HOLLYJEAN 305 S. HAWTHORNE RD. APT. 8 WINSTON-SALEM 27103 BOWMAN GRAY	88 00 85 919 724-4554	DAY, JAMES WILLIAM 2240 CLOVERDALE AVE. STE. 118, PROFESSIONAL BLDG. WINSTON-SALEM 27103 U OF TENNESSEE	IM AC 75 76 82 919 722-7178
CHANDLER, HOWARD CHRISTY, JR. 3716 S. W. 2ND PLACE GAINESVILLE, FL 32607 BOWMAN GRAY	87 00 85 919 722-3709	S	COX, JEFFREY NEAL 537 S. HAWTHORNE RD. APT. 9 WINSTON-SALEM 27104 BOWMAN GRAY	88 00 84 919 725-3571	DE LUCA, PAMELA S. 1815 BRANTLEY ST. WINSTON-SALEM 27103 BOWMAN GRAY	S 89 00 85 919 723-9695
CHEREN, ISA 1900 QUEEN ST., APT. C-8 WINSTON-SALEM 27103 BOWMAN GRAY	88 00 84 919 724-3782	S	COX, WILLIAM FOSCUE 3740 KIRKLEES ROAD WINSTON-SALEM 27104 MED COLL OF VA	IM /GPM L/RT 42 47 47 919 765-2626	DE-LA-TORRE, ERNESTO ESTEBAN 3080 TRENWEST DRIVE WINSTON-SALEM 27103 U OF HABANA	NS AC 52 61 63 919 765-3750
CHICCONI, THOMAS GERARD 1711 LYNWOOD AVE. WINSTON-SALEM 27104 GEORGETOWN U	79 80 85 919 765-9328	EM AC	CREGAN, GREGG EDWARD BOX 25007 1425 PLAZA DR. WINSTON-SALEM 27114 JEFFERSON	ORS /HS AC 78 78 85 919 768-1270	DEAN, RICHARD HENRY 300 S. HAWTHORNE RD. DEPT. OF SURGERY WINSTON-SALEM 27103 MED COLL OF VA	GS AC 69 68 00 919 748-4443
CINTRON, RUBEN 300 S. HAWTHORNE RD. MED. STUDENT, BOX 336 WINSTON-SALEM 27103 BOWMAN GRAY	90 00 86 919 773-1564	S	CROSBY, IVAN KEITH 2827 LYNDBURST AVE., STE. 205A WINSTON-SALEM 27103	AC	DEFRAZZO, ANTHONY JOHN 300 S. HAWTHORNE RD. WINSTON-SALEM 27103 GEO WASHINGTON U	PS AC 73 81 82 919 748-4500
CLARK, ALAN BOYD BOWMAN GRAY, BOX 93 WINSTON-SALEM 27103 BOWMAN GRAY	88 00 84 919 724-4572	S	CROUSE, JOHN ROBERT, III BOWMAN GRAY SCH. OF MED. 300 S. HAWTHORNE ROAD WINSTON-SALEM 27103 DOWNSTATE ME CTR	IM AC 69 69 82 919 748-2674	DENHAM, JOHN WILLIAM 3415 THORESBY CT. WINSTON-SALEM 27104 BOWMAN GRAY	IM /FP AC 66 66 77 919 773-3783
CLARK, MARGARET ANNE 250 CHARLOIS BOULEVARD WINSTON-SALEM 27103 CASE WESTERN RES	79 82 84 919 768-4730	IM AC	CROWELL, GILES FRANKLIN 201 EXECUTIVE PARK BLVD. WINSTON-SALEM 27103 BOWMAN GRAY	N AC 79 79 79 919 768-6347	DEWAN, DAVID MICHAEL 3333 SILAS CREEK PKWY. FORSYTH MEM. HOSPITAL WINSTON-SALEM 27103 BOWMAN GRAY	AN AC 71 71 77 919 760-5259
CLARKE, THOMAS LAWRENCE 501 N. CLEVELAND AVENUE WINSTON-SALEM 27101 MEHARRY MED COLL	59 60 65 919 722-3874	OBG AC	CROYLE, TERENCE ALAN 110 CAPISTRANO COURT WINSTON-SALEM 27103 MED COLL OF OHIO	OPH /EM R 79 80 85 919 760-2646	DIROCCO, JUDITH GERALYN 1725-B FRANCISCAN TERR. WINSTON-SALEM 27107 BOWMAN GRAY	S 90 00 87 919 788-4844
COLAVITA, PAUL G. 300 S. HAWTHORNE RD. WINSTON-SALEM 27103 BOWMAN GRAY	79 80 87 919 748-4673	IM /CD AC	CRUM, AMY ELIZABETH 305 S. HAWTHORNE RD. APT. #6 WINSTON-SALEM 27103 BOWMAN GRAY	S 89 00 86 919 725-7944	DIRRE, LOUISE YOUNGER 532 POLO ROAD WINSTON-SALEM 27106 BOWMAN GRAY	N S 87 00 85 919 768-4730
COLE, DEBRA WULFHORST 840 MAGNOLIA DR. WINSTON-SALEM 27103 BOWMAN GRAY	88 00 85 919 723-4036	S	CRUM, BRYAN GLENN 315 TAYLOR ST., APT. O WINSTON-SALEM 27101 BOWMAN GRAY	S 89 00 86 919 725-5669	DOANE, JOHN HORTON, JR. 250 CHARLOIS BOULEVARD WINSTON-SALEM 27103 U OF PENN	IM /CD AC 44 45 77 919 768-5441
COLE, ROGER DALE 840 MAGNOLIA ST. WINSTON-SALEM 27103 BOWMAN GRAY	88 00 85 919 724-0761	S	CRUTCHFIELD, ANDREW JACKSON 2240 CLOVERDALE AVE., STE. 93 WINSTON-SALEM 27103 U OF VIRGINIA	IM /CD AC 42 42 50 919 748-2075	DONGRE, SHRIKUMAR SHRIPAD 1216 BROOK ACRES TRAIL CLEMMONS 27012 U OF BOMBAY	AN AC 70 74 78 919 723-5732
COLETTA, HARRY MARIO, II MAIN STREET, BOX 678 WALNUT COVE 27052 BOWMAN GRAY	77 78 81 919 591-7205	FP	CRUZ, JULIA MARGARITA 300 S. HAWTHORNE RD. WINSTON-SALEM 27103 U OF FLORIDA	ON AC 78 81 86 919 723-78	DORSETT, FLETCHER I. 2020 HOLLYWOOD STREET WINSTON-SALEM 27107 MED COLL OF VA	IM L/RT 41 43 50 919 723-3042
COLLINS, DAVID DUTROW 2825 LYNDBURST AVE., STE. 101 WINSTON-SALEM 27103 DUKE	75 77 84 919 765-0888	PUD /IM AC	CULLEN, PETER PATRICK 250 CHARLOIS BOULEVARD WINSTON-SALEM 27103 SYRACUSE	IM AC 72 73 78 919 768-4730	DORSEY, DEANNA LYNN 312 GROVE PARK AVE. #2 WINSTON-SALEM 27103 BOWMAN GRAY	S 89 00 86 919 760-2151
COLLINS, WILLIAM STUART 3969 QUILLING ROAD WINSTON-SALEM 27104 DUKE	60 60 68 919 765-7350	P AC	CURRIE, DONALD PATRICK PO BOX 24369 WINSTON-SALEM 27114 DUKE	U AC 66 66 74 919 768-0735	DOWNEY, LUCY MCMASTER BIDDLE 2220 QUEENSWOOD DRIVE WINSTON-SALEM 27106 WEST VA U	PD R 84 84 84 919 722-3712
CONRAD, ELIZABETH 1862 RUNNYMEADE RD. WINSTON-SALEM 27104 JOHNS HOPKINS	43 46 46 919 723-1213	PD L/RT	DAVIS, COURTLAND HARWELL, JR. BOWMAN GRAY SCH. OF MED. WINSTON-SALEM 27103 U OF VIRGINIA	NS AC 44 44 52 919 748-4083	DRESSER, LEE POTTER 1631-C NORTHWEST BLVD. WINSTON-SALEM 27104 BOWMAN GRAY	S 87 00 85 919 768-2751
COOK, DAVID OWEN 2652 TANTELON PL. WINSTON-SALEM 27107 BOWMAN GRAY	84 85 85 919 785-0393	U R	DAVIS, EDWARD LANGSTON 2125 NEW WALKERTOWN ROAD WINSTON-SALEM 27101 HOWARD U	IM /CD AC 38 38 72 919 723-4281	DUBOW, DAVID ALAN 1957 STONEWOOD DR. WINSTON-SALEM 27103 BOWMAN GRAY	EM /IM S 88 00 84 919 760-5840
COOPER, MILES ROBERT 300 S. HAWTHORNE ROAD WINSTON-SALEM 27103 BOWMAN GRAY	62 62 75 919 748-4300	ON /HEM AC	DAVIS, JOHN PRESTON 329 BANBURY ROAD WINSTON-SALEM 27104 U OF PENN	IM L/RT 34 37 38 919 768-5390	DUDLEY, JOSEPH BOYLES 3333 SILAS CREEK PARKWAY WINSTON-SALEM 27103 U OF PENN	PTH AC 57 61 65 919 723-0527
COPELAND, GARY BRENT 2080 QUEEN ST. WINSTON-SALEM 27103 BOWMAN GRAY	88 00 85 919 724-4537	S	DAVIS, OWEN KIDDER BRIGHAM AND WOMENS HOSP. 75 FRANCIS ST. BOSTON, MA 02115 BOWMAN GRAY	OBG /END R 82 83 79 617 732-6987	DUNCAN, THANE EDWARD 821 S. HAWTHORNE ROAD WINSTON-SALEM 27103 BOWMAN GRAY	S 87 00 84 919 723-0527
CORDELL, A. ROBERT BOWMAN GRAY SCH. OF MED. WINSTON-SALEM 27103 JOHNS HOPKINS	47 50 57 919 748-4672	CDS /TS AC	DAVIS, WAYNE EDWARD PO BOX 24369 WINSTON-SALEM 27114 DUKE	U AC 49 51 54 919 768-0735	DUNSON, MARY E. BOX 344, BOWMAN GR. MED. SCH. 300 S. HAWTHORNE RD. WINSTON-SALEM 27103 BOWMAN GRAY	S 90 00 86 919 723-0527

34. FORSYTH-STOKES-DAVIE COMPONENT SOCIETY (Continued)

EARLY, IRA GORDON 2240 CLOVERDALE AVE. STE. 192 WINSTON-SALEM 27103 BOWMAN GRAY	IM /CD AC 50 50 56 919 722-6010	FELTS, JOHN HARVEY BOWMAN GRAY SCH. OF MED. WINSTON-SALEM 27103 MED U OF SC	NEP /IM AC 49 55 55 919 748-4259	FOWLER, HENRY JACKSON P. O. BOX 38 WALNUT COVE 27052 BOWMAN GRAY	GP AC 46 47 48 919 591-4306
EARNHARDT, JAMES FREDERICK 3318 HEALY DRIVE WINSTON-SALEM 27103 U OF NC	PD AC 64 64 70 919 765-8490	FERGUSON, WILLIAM CLAY 2680 REYNOLDS DRIVE WINSTON-SALEM 27104 U OF NC	GS /TS AC 60 60 69 919 765-8020	FRANCIS, KENNETH ROBERT 1400 CLIFF ST. #F WINSTON-SALEM 27107 BOWMAN GRAY	S 87 00 85 919 723-3817
EATON, JEFFREY GRAY 103 CAROLINA CIRCLE WINSTON-SALEM 27104 BOWMAN GRAY	S 88 00 86 919 721-9163	FERNANDEZ, ISABEL M. 1900 QUEEN ST. APT. C-1 WINSTON-SALEM 27103 BOWMAN GRAY	S 88 00 86 919 723-3463	FRIEDFELD, STEFANIE ANN 103 PERSHING AVE. WINSTON-SALEM 27103 BOWMAN GRAY	S 87 00 85 919 722-9861
EBERLE, ROBERT ADAM 2240 CLOVERDALE AVE. STE. 215 WINSTON-SALEM 27103 BOWMAN GRAY	IM AC 82 84 87 919 725-3591	FERRARI, CAROLYN JEAN 2920 NORTHBRIDGE WINSTON-SALEM 27103 BOWMAN GRAY	S 90 00 86 919 765-5288	FROMSON, GERALD ALAN 250 CHARLOIS BOULEVARD WINSTON-SALEM 27103 U OF NC	IM AC 77 80 81 919 768-4730
EDMONDS, JOHN HENRY, JR. BOWMAN GRAY SCH. OF MED. WINSTON-SALEM 27103 BOWMAN GRAY	CD /IM AC 56 56 70 919 748-4208	FERREE, CAROLYN RUTH BLACK 300 S. HAWTHORNE RD. WINSTON-SALEM 27103 BOWMAN GRAY	TR AC 70 71 76 919 748-4981	FUNDERBURK, AMON LEX 3080 TRENWEST DR. WINSTON-SALEM 27103 BOWMAN GRAY	IM /END AC 66 66 85 919 768-2370
EDWARDS, JOEL LYNN P. O. BOX 666 MOCKSVILLE 27028 BOWMAN GRAY	FP AC 76 76 80 704 634-6128	FINA, MICHAEL FRANCIS 1901 S. HAWTHORNE RD., #310 WINSTON-SALEM 27103 NEW YORK MED COL	GE /IM AC 75 76 81 919 760-4340	GABY, NANCY SUE 622 S. SUNSET DR. WINSTON-SALEM 27103 BOWMAN GRAY	P AC 78 80 86 919 748-4558
EISENACH, JAMES CONRAD FORSYTH MEMORIAL HOSP. OBSTETRIC ANESTHESIA WINSTON-SALEM 27103 U OF CALIFORNIA	AN AC 82 85 85 919 760-5295	FINKLEA, LEE KILPATRICK 250 CHARLOIS BLVD. WINSTON-SALEM 27103 MED U OF SC	PD AC 79 79 85 919 768-4730	GADDY, JOE ELLIS, JR. 2810 MAPLEWOOD AVENUE WINSTON-SALEM 27104 U OF NC	CD /IM AC 71 71 78 919 768-0437
ELESHA, WILLIAM 1900 HAWTHORNE RD. #214 WINSTON-SALEM 27103 AMER. U OF BEIRUT	GS AC 45 53 53 919 765-1610	FINN, RICHARD CONNELL 250 CHARLOIS BOULEVARD WINSTON-SALEM 27103 TULANE U	OBG AC 63 63 76 919 768-4730	GALLANIS, CRAIG T. 1333 MADISON AVE. WINSTON-SALEM 27103 BOWMAN GRAY	S 89 00 86 919 722-6835
ELLEDGE, EMMETT SCOTT 114 DEVONSHIRE DR. SAN ANTONIO, TX 78209 BOWMAN GRAY	OTO R 85 86 83	FINN, WILLIAM FRANCIS, JR. 854 BRENT ST. WINSTON-SALEM 27103 EAST CAROLINA U	EM R 85 85 85 919 760-2462	GALLUP, KENNETH RAYNOR, JR. 2825 LYNTHURST AVE., STE. 101 WINSTON-SALEM 27103 BOWMAN GRAY	PUD /IM AC 73 73 78 919 765-0888
ELLIS, GEORGE JOSEPH, JR. 6034 RITTENHOUSE RD. WINSTON-SALEM 27104 GEO WASHINGTON U	OBG AC 56 57 82 919 765-6172	FISHER, WILLIAM SLOAN, III 175 CHARLOIS BLVD. STE. 101 WINSTON-SALEM 27103 DUKE	OTO AC 74 74 78 919 768-3361	GARLAND, WESLEY SCOTT R. J. REYNOLDS, MEDICAL DEPT. WINSTON-SALEM 27102 BOSTON U	OM AC 55 60 61 919 777-2027
ENGELSTAD, ANNE CARINE A. 108 OLD OAK CIRCLE #B2 WINSTON-SALEM 27106 BOWMAN GRAY	S 89 00 85 919 767-8331	FLETCHER, ROBERT GEORGE 401 N. MAIN STREET WINSTON-SALEM 27102 OHIO STATE U	OM /FP AC 63 63 83 919 777-2024	GARRETT, JOHN BOSTIAN, SR. 2926 MAIN ST. PO BOX 220 WALKERTOWN 27051 BOWMAN GRAY	FP AC 51 51 52 919 595-2751
EPSTEIN, SUSAN ELISE 1815 BRANTLEY ST. WINSTON-SALEM 27104 BOWMAN GRAY	S 89 00 86	FLORES, RODOLFO FLORES P. O. BOX 96 DANBURY 27016 MANILA U	FP /IM AC 62 74 74 919 593-8281	GELFAND, DAVID WILLIAM 853 BUTTONWOOD DRIVE WINSTON-SALEM 27104 YALE	R AC 62 63 76 919 748-2481
ERNEST, JOSEPH MACDONALD, III BOWMAN GRAY, DEPT. OF OBG WINSTON-SALEM 27103 U OF MISSISSIPPI	OBG AC 78 78 84 919 748-4291	FLOWE, KENNETH MICHAEL 1608-H NORTHWEST BLVD. WINSTON-SALEM 27104 BOWMAN GRAY	S 87 00 84 919 761-1246	GIBSON, ROBERT WYLIE 190 CHARLOIS BOULEVARD WINSTON-SALEM 27103 BOWMAN GRAY	P /N AC 68 68 74 919 768-6930
EYERMAN, MELVIN FREDERIC 1244 ARBOR ROAD, 444 WINSTON-SALEM 27104 OHIO STATE U	PH L/RT 35 35 62 919 723-7420	FLOYD, HERBERT MYNATT 3551 BUENA VISTA ROAD WINSTON-SALEM 27106 BOWMAN GRAY	AN AC 71 72 76 919 748-8611	GILLIAM, JOHN HUGH, III 300 S. HAWTHORNE ROAD BOWMAN GRAY SCH. OF MED WINSTON-SALEM 27103 MED COLL OF VA	GE /IM AC 70 70 80 919 748-4601
FAGG, JOHN ANDERSON 2901 MAPLEWOOD AVENUE WINSTON-SALEM 27103 BOWMAN GRAY	PS AC 71 71 77 919 765-8620	FOLDS, WILLIAM FRANKLIN 5043 COUNTRY CLUB ROAD WINSTON-SALEM 27104 BOWMAN GRAY	FP AC 62 62 64 919 768-9275	GIVENS, DAVIDSON HOWARD 1399 WESTGATE CENTER DR. WINSTON-SALEM 27103 BOWMAN GRAY	CD /IM AC 76 76 85 919 768-4261
FARAHNAKIAN, ALI PO BOX 104 DANBURY 27016 U OF TEHRAN	R AC 66 75 86	FONTRIER, TOINETTE HELEN 8220 WHITE WATER DR. CLEMMONS 27012 ALBANY MED COLL	PD AC 71 71 74 919 766-4321	GLASS, FREDERICK WILLIAM BOWMAN GRAY SCH. OF MED. WINSTON-SALEM 27103 BOWMAN GRAY	EM /GS AC 50 50 74 919 748-4626
FARIS, JOHN CHARLES 2803 LYNTHURST AVE. WINSTON-SALEM 27103 BOWMAN GRAY	DR /NM AC 67 67 73 919 768-1021	FORD, ROBERT VIRGIL, JR. 3175 MAPLEWOOD AVENUE WINSTON-SALEM 27103 BOWMAN GRAY	DR /PD AC 47 47 81 919 998-5333	GLATZ, FRANK ROBERT, JR. 3303 HEALY DR., STE. A WINSTON-SALEM 27103 BOWMAN GRAY	OTO AC 73 73 79 919 768-4866
FARRELL, FRANK WILSON, JR. 3155 MAPLEWOOD AVENUE WINSTON-SALEM 27103 BOWMAN GRAY	DR AC 62 62 77 919 773-3878	FORMANEK, AUGUSTIN GUSTAV BERMUDA RUN, BOX 617 103 HELLER COURT ADVANCE 27006 KOMENSKY U	ORS L/RT 40 41 46 919 724-1334	GLEN, DULANEY 250 CHARLOIS BOULEVARD WINSTON-SALEM 27103 COLUMBIA U	IM AC 67 68 80 919 768-4730
FAYEZ, JAMIL ABDEL-LATIF BOWMAN GRAY SCH. OF MEDICINE WINSTON-SALEM 27103 DOW MED COLLEGE	OBG /END AC 64 64 80 919 748-2368	FORSYTH, H. FRANCIS 2865 BARTRAM ROAD WINSTON-SALEM 27106 U OF MICHIGAN	FP AC 57 57 60 704 634-2108	GLOD, ALBERT PAUL 152 MUIRFIELD DR. WINSTON-SALEM 27104 BOWMAN GRAY	GS /TS L/RT 43 44 54 919 725-3702
FEIN, DOUGLAS A. 300 S. HAWTHORNE RD. BOX 484, BOWMAN GRAY WINSTON-SALEM 27103 BOWMAN GRAY	S 89 00 86 919 724-4478	FOSTER, BOB MAXWELL P. O. BOX 427 MOCKSVILLE 27028 BOWMAN GRAY	PTH AC 47 47 55 919 768-2351	GOCO, ISAIAS ISMAEL 1901 S. HAWTHORNE RD., STE. 220 WINSTON-SALEM 27103 U OF SANTO TOMAS	GS /CDS AC 56 62 63 919 768-4710

34. FORSYTH-STOKES-DAVIE COMPONENT SOCIETY (Continued)

GOODE, DAVID JOHN BOWMAN GRAY, DEPT. OF PSY. WINSTON-SALEM 27103 BOWMAN GRAY	P AC 66 66 78 919 748-4142	HACKLANDER, SHELLEY W. PO BOX 427 MARS HILL 28754 BOWMAN GRAY	S 90 00 86 704 689-4238	HATJIS, CHRISTOS GEORGE 300 S. HAWTHORNE RD. WINSTON-SALEM 27103 U OF PENN	OBG /NPM AC 75 76 82 919 748-4291
GORDON, JOSEPH GROVER BOWMAN GRAY SCH. OF MED. WINSTON-SALEM 27103 MEHARRY MED COLL	R RT 48 55 57 919 748-4316	HADDAD, MICHEL GEORGE 300 S. HAWTHORNE RD. BOX 487 WINSTON-SALEM 27103 BOWMAN GRAY	S 89 00 85 919 723-7442	HAYES, JOHN TERRENCE 301 MILLER STREET, SUITE 201 WINSTON-SALEM 27103 U OF MICHIGAN	ORS AC 51 66 66 919 723-2418
GOTTLIEB, LOUIS NATHAN 631 COLISEUM DRIVE WINSTON-SALEM 27106 BOWMAN GRAY	OPH AC 62 62 69 919 723-1041	HAISTY, WESLEY KENNETH, JR. 300 S. HAWTHORNE ROAD WINSTON-SALEM 27103 NORTHWESTERN U	CD /IM AC 66 67 78 919 748-4673	HAZZARD, WM. RUSSELL 300 S. HAWTHORNE RD. DEPT. OF MEDICINE WINSTON-SALEM 27103 CORNELL U	IM AC 62 63 87 919 748-4305
GOWER, DAVID JOHN N. C. BAPTIST HOSPITAL WINSTON-SALEM 27103 U OF FLORIDA	NS R 81 82 84 919 748-4038	HALL, JOHN HOWLAND, JR. 300 S. HAWTHORNE RD. BOX 122 WINSTON-SALEM 27103 BOWMAN GRAY	S 88 00 84 919 724-4639	HEADLEY, ROBERT NELSON 300 S. HAWTHORNE RD. WINSTON-SALEM 27103 U OF MARYLAND	CD /IM AC 56 57 63 919 748-4331
GOWER, VERLIA COLE 918 MADISON AVENUE WINSTON-SALEM 27103 BOWMAN GRAY	S 88 00 84 919 723-8602	HAMILTON, GEORGE EDWARD, JR. 908 ARBOR ROAD WINSTON-SALEM 27104 BOSTON U	P AC 65 66 76 919 725-7777	HEALY, PATRICK K. 250 CHARLOIS BLVD. WINSTON-SALEM 27103 GEORGETOWN U	IM AC 80 81 84 919 768-4730
GRANT, WILLIS JACKSON, III 250 CHARLOIS BLVD. WINSTON-SALEM 27103 U OF NC	P AC 54 54 63 919 768-4730	HAMILTON, ROBERT WILLIAM BOWMAN GRAY SCH. OF MED. WINSTON-SALEM 27103 ST U OF NY-BUFF	NEP /IM AC 63 65 75 919 748-4304	HEBERT, STEPHEN WILLIAM 1365 WESTGATE CENTER DR. SUITE N-1 WINSTON-SALEM 27103 BOWMAN GRAY	P /N AC 72 72 79 919 760-3220
GRAVES, JOHN W. 300 S. HAWTHORNE RD. WINSTON-SALEM 27103 U OF NEBRASKA	NEP /IM AC 77 78 86 919 748-4593	HAMPTON, JAMES HARRIS, JR. P. O. BOX 325 LEWISVILLE 27023 BOWMAN GRAY	FP AC 52 52 58 919 945-5846	HEDRICK, RICHARD ELI 1999 GEORGIA AVE. WINSTON-SALEM 27104 MED U OF SC	GS L/RT 43 43 47 919 724-5454
GRAYLEE, GLENN PAGE 1205 CLOVER STREET WINSTON-SALEM 27101 NORTHWESTERN U	AN AC 74 77 80 919 748-4498	HANNA, LINDA J. PO BOX 526 BLOWING ROCK 28605 BOWMAN GRAY	GS R 85 00 83 919 724-7390	HEDRICK, RICHARD ELI, JR. 1806 S. HAWTHORNE RD. #102 WINSTON-SALEM 27103 BOWMAN GRAY	OBG AC 79 80 84 919 768-3632
GREEN, HAROLD D. 3619 DEWSBURY ROAD WINSTON-SALEM 27104 CASE WESTERN RES	CD L/RT 31 31 45 919 765-5078	HARBOURNE, KEVIN S. 1641 NORTHWEST BLVD., APT. D WINSTON-SALEM 27104 BOWMAN GRAY	S 89 00 85 919 724-7390	HELMS, JEFFERSON BIVENS, JR. 1405 PLAZA DRIVE WINSTON-SALEM 27103 BOWMAN GRAY	IM /CD AC 62 62 68 919 765-4131
GREEN, ROBERT LORENZA 3155 MAPLEWOOD AVENUE WINSTON-SALEM 27103 U OF NC	R AC 59 59 66 919 773-3873	HARDIE, GREGORY STEVEN 408 FORSYTH MEDICAL PK WINSTON-SALEM 27103 BOWMAN GRAY	AN AC 80 81 77 919 768-7680	HELSABECK, BELMONT AUGUSTUS 631 COLISEUM DRIVE WINSTON-SALEM 27106 MED COLL OF VA	OPH L 31 31 36 919 723-1041
GREGG, CHARLES ELI 108 BALLY HO DR. LEWISVILLE 27023 BOWMAN GRAY	AN AC 74 74 79 919 748-4791	HARPER, MARGARET A. 300 S. HAWTHORNE RD. WINSTON-SALEM 27103 U OF NC	OBG AC 74 74 87 919 748-4595	HENNESSY, JOHN FRANCIS 300 S. HAWTHORNE RD. WINSTON-SALEM 27103 U OF KANSAS	END /IM AC 67 67 82 919 748-2076
GREISS, FRANK CHRISTIAN, JR. BOWMAN GRAY SCH. OF MED. WINSTON-SALEM 27103 U OF PENN	OBG AC 53 54 60 919 748-4039	HARR, CHARLES DULANEY 719 WESTVIEW DRIVE WINSTON-SALEM 27103 BOWMAN GRAY	GS R 83 83 83 919 748-2011	HENRICH, W. DEAN 250 CHARLOIS BLVD. WINSTON-SALEM 27103 U OF KANSAS	D /DMP AC 65 66 84 919 768-6221
GREVIOUS, STEPHEN SCOTT 1641-P NORTHWEST BLVD. WINSTON-SALEM 27104 BOWMAN GRAY	S 88 00 85 919 724-4541	HARRINGTON, LEE, JR. 2340 OLIVET CHURCH ROAD WINSTON-SALEM 27106 TEMPLE U	OM /IM L/RT 44 49 52 919 924-4179	HERRERA, MARCOS A. 300 S. HAWTHORNE RD. WINSTON-SALEM 27103 NAT U OF MEXICO	R AC 74 75 87 919 748-2491
GRIFFITH, MARY IRENE 515 S. HAWTHORNE RD. WINSTON-SALEM 27103 U OF TENNESSEE	GYN L/RT 42 42 46 919 724-7321	HARRIS, JIMMIE LEE 270 FORSYTH MEDICAL PARK WINSTON-SALEM 27103 MED COLL OF VA	GP AC 54 64 65 919 768-5260	HEYMANN, ROBERT CURTIS 118 FORSYTH MEDICAL PARK WINSTON-SALEM 27103 BOWMAN GRAY	D AC 60 61 65 919 765-1841
GRISTINA, ANTHONY GEORGE 300 S. HAWTHORNE RD. WINSTON-SALEM 27103 ALBANY MED COLL	ORS AC 56 56 72 919 748-3952	HARRIS, MILTON DEAN 2810 MAPLEWOOD AVENUE WINSTON-SALEM 27103 U OF TEXAS-SW	CD /IM AC 68 69 76 919 768-0437	HIATT, JOHN DONALD, JR. 1304 FENIMORE STREET WINSTON-SALEM 27103 BOWMAN GRAY	DR R 83 83 80 919 725-6584
GULLEY, MARCUS MARCELLUS DEPARTMENT OF PSYCHIATRY WINSTON-SALEM 27103 BOWMAN GRAY	P AC 51 55 56 919 748-4554	HARRISON, LLOYD HERRITAGE 300 S. HAWTHORNE RD. WINSTON-SALEM 27103 BOWMAN GRAY	U AC 62 62 73 919 748-4131	HIGHTOWER, FELDA 2445 REYNOLDS DRIVE WINSTON-SALEM 27104 U OF PENN	GS /TS L/RT 33 33 36 919 727-1661
GUNN, CHARLES GROSHON, JR. SARA LEE CORPORATION WINSTON HEADQUARTERS, BOX 2760 WINSTON-SALEM 27102 DUKE	OM /IM AC 48 52 57 919 744-3708	HARROLD, LAURIE J. 324 CRAFTON ST. WINSTON-SALEM 27103 BOWMAN GRAY	S 90 00 86 919 723-5882	HINES, MICHAEL HERBERT 723 FENIMORE ST. WINSTON-SALEM 27103 BOWMAN GRAY	R 86 86 84 919 777-0226
GUSDON, JOHN PAUL, JR. 3240 NOTTINGHAM ROAD WINSTON-SALEM 27104 U OF VIRGINIA	OBG AC 59 67 68 919 748-4039	HART, OLIVER JAMES, JR. 1806 S. HAWTHORNE ROAD WINSTON-SALEM 27103 U OF NC	U AC 59 59 64 919 768-0735	HINMAN, ALANSON 792 ROSLYN RD. WINSTON-SALEM 27104 JOHNS HOPKINS	PD L/RT 46 47 52 919 723-0458
GUY, CLIFFORD RICHARD 250 CHARLOIS BOULEVARD WINSTON-SALEM 27103 MED SCH-UMDNJ	CD /IM AC 67 68 83 919 768-4730	HART, OLIVER JAMES, SR. 1930 GEORGIA AVENUE WINSTON-SALEM 27104 MED U OF SC	U L/RT 25 30 32 919 722-6598	HINSON, JONATHAN C. 2841 TULLY SQUARE #F 2700 REYNOLDA RD. WINSTON-SALEM 27106 BOWMAN GRAY	S 90 00 86 919 723-7554
GWYN, PAUL PERKINS, JR. 2901 MAPLEWOOD AVENUE WINSTON-SALEM 27103 COLUMBIA U	PS /GS AC 61 61 70 919 765-8620	HARTNESS, ALBERT R. P. O. BOX 427 MOCKSVILLE 27028 BOWMAN GRAY	FP AC 61 61 65 704 634-2108	HOFFMAN, MARY JACQUELINE 537 S. HAWTHORNE RD. #12 WINSTON-SALEM 27103 BOWMAN GRAY	S 88 00 85 919 761-8294
HABERKERN, ROY CONRAD 300 S. HAWTHORNE RD. WINSTON-SALEM 27103 DUKE	CHP AC 69 69 74 919 748-4220	HASHEMI, ZIAOLLAH 1439-L HUTTON ST. WINSTON-SALEM 27103 BOWMAN GRAY	S 89 00 85		

34. FORSYTH-STOKES-DAVIE COMPONENT SOCIETY (Continued)

HOLLAND, JAMES P. 2810 MAPLEWOOD AVE. WINSTON-SALEM 27103 U OF NC	CD AC 80 82 87 919 768-0437	HUNTER, DAVID MONTGOMERY 1615 NORTHWEST BLVD. WINSTON-SALEM 27104 BOWMAN GRAY	S 87 00 85 919 724-9568	JOLLY, BRANTLEY TILMAN, JR. 101 HOMESTEAD RD. APT. 804 CHAPEL HILL 27514 BOWMAN GRAY	GS S 87 00 85 919 967-0970
HOLLEMAN, IVAN LACY, JR. BOWMAN GRAY, DEPT. OF PATH. WINSTON-SALEM 27103 BOWMAN GRAY	PTH AC 53 53 78 919 748-4311	HURST, DANIEL JOHNSON 250 CHARLOIS BLVD. WINSTON-SALEM 27103 U OF CHICAGO	PUD /IM AC 67 69 84 919 768-4730	JOLLY, THOMAS LYNN 1500 W. ACADEMY ST. WINSTON-SALEM 27103 BOWMAN GRAY	FP R 85 85 86 919 727-0550
HOLMES, GEORGE WASHINGTON 4235 STONEHEDGE LN. WINSTON-SALEM 27106 MED COLL OF VA	ORS L/RT 31 31 33 919 722-6939	IBRAHIM, MOUNIR LABIB 2900-A MAPLEWOOD AVE. WINSTON-SALEM 27103 CAIRO U	P /HYP AC 72 80 80 919 768-2886	JONES, CHAMP MCMILLIAN, JR. 2805 LYNDBURST AVE. WINSTON-SALEM 27103 MED U OF SC	FP AC 74 78 86 919 768-8890
HOLTHUSEN, GREGORY GRANT SALEM ORTHOPAEDIC ASSOC. PA PO BOX 25007 WINSTON-SALEM 27114 U OF WISCONSIN	ORS AC 65 65 73 919 768-1270	IFFT, ROBIN DAWN 731 LYNN DEE DR. WINSTON-SALEM 27106 BOWMAN GRAY	S 88 00 85 919 725-3578	JONES, JAMES DAVID, II 321 BANBURY ROAD WINSTON-SALEM 27104 U OF ALABAMA	AN AC 57 57 83 919 773-3259
HOMER, STEPHEN HUBERT 3111 MAPLEWOOD AVE., STE.104 WINSTON-SALEM 27103 U OF PENN	ORS AC 61 67 67 919 768-4110	IRELAND, PATRICK DAVID 315 LOCKLAND AVE. WINSTON-SALEM 27103 BOWMAN GRAY	S 89 00 919 723-2935	JONES, JAMES MARSHALL, JR. 1225 E. FIFTH STREET WINSTON-SALEM 27101 MEHARRY MED COLL	IM AC 54 55 76 919 725-7362
HOMESLEY, HOWARD DAVID DEPT. OF OBG, BOWMAN GRAY WINSTON-SALEM 27103 U OF NC	GYN /ON AC 67 67 75 919 748-4022	ISRAEL, JAMES RAY 1365 WESTGATE CENTER DR. SUITE N-1 WINSTON-SALEM 27103 BOWMAN GRAY	P /FP AC 63 63 66 919 760-3220	JONES, JOSEPH REID, JR. P. O. BOX 387 KING 27021 BOWMAN GRAY	GP AC 51 51 52 919 983-3113
HOOTS, ELEANOR CARSWELL 221 LOCKLAND AVE. WINSTON-SALEM 27103 BOWMAN GRAY	S 88 00 85 919 722-1325	JACKSON, DAVID STONE, JR. 300 S. HAWTHORNE ROAD WINSTON-SALEM 27103 BOWMAN GRAY	FP AC 73 73 80 919 748-2832	JONES, SARA THOMPSON 321 BANBURY ROAD WINSTON-SALEM 27104 BOWMAN GRAY	AN AC 62 62 84 919 768-8987
HOPKINS, LAWRENCE DAVID 5105 RIVER CHASE RIDGE WINSTON-SALEM 27104 BOWMAN GRAY	OBG AC 77 78 84 919 722-9590	JACKSON, DON VERNON, JR. 300 S. HAWTHORNE ROAD WINSTON-SALEM 27103 U OF VIRGINIA	IM /ON AC 72 72 80 919 748-2088	JONES, THADDEUS LEROY 3333 SILAS CREEK PARKWAY WINSTON-SALEM 27103 U OF VIRGINIA	PTH /HEM AC 67 67 74 919 773-3840
HOPKINS, MARBRY BENJAMIN, III 300 S. HAWTHORNE RD. WINSTON-SALEM 27103 U OF VIRGINIA	PTH AC 77 81 83 919 748-2624	JACOBSON, MARK DAVID 3924 OLD VINEYARD RD., #55 WINSTON-SALEM 27104 BOWMAN GRAY	S 88 00 85 919 760-3389	JORIZZO, JOSEPH L. 300 S. HAWTHORNE RD. DEPT. OF DERMATOLOGY WINSTON-SALEM 27103 BOSTON U	D AC 75 76 86 919 748-2768
HOUGH, WILLIAM AMOS, III 410 AVALON ROAD WINSTON-SALEM 27104 BOWMAN GRAY	IM AC 73 73 76 919 768-4730	JAMES, FRANCIS MARSHALL, III 15 GRAYLYN PLACE LANE WINSTON-SALEM 27106 HAHNEMANN	AN AC 61 62 76 919 723-4690	JULIAN, JESSE S., JR. 614 BELLVIEW ST. WINSTON-SALEM 27103 MED COLL OF VA	R 82 83 87 919 760-2866
HOWELL, CHARLES MAITLAND, JR. 340 PERSHING AVENUE WINSTON-SALEM 27103 U OF PENN	D L 37 37 46 919 725-8422	JAMES, GEORGE W. 205 S. HAWTHORNE ROAD WINSTON-SALEM 27103 U OF TENNESSEE	D L 40 40 49 919 722-6155	KAHL, FREDERIC ROSS 300 S. HAWTHORNE RD. WINSTON-SALEM 27103 U OF CHICAGO	CD /IM AC 67 68 76 919 748-4261
HOWELL, FREDERICK LAWRENCE 2932 LYNDBURST AVENUE WINSTON-SALEM 27103 U OF VIRGINIA	U AC 68 68 77 919 765-4021	JAMES, GEORGE WHITFIELD 1900 QUEEN ST. #C-3 WINSTON-SALEM 27103 BOWMAN GRAY	S 87 00 85 919 722-5918	KAPORELIS, GREGORY C. 3319-L CIRCLE BROOK DR. SW ROANOKE, VA 24014 BOWMAN GRAY	PDS /GS S 87 00 84 703 774-4675
HOWELL, JULIUS 1900 S. HAWTHORNE RD. STE. 480 WINSTON-SALEM 27103 U OF PENN	PS /OTO L 43 43 52 919 760-1727	JANEWAY, RICHARD 300 S. HAWTHORNE RD. WINSTON-SALEM 27103 U OF PENN	N AC 58 63 68 919 748-4424	KAYE, DOUGLAS EVAN 1900 QUEEN ST. APT. A3 WINSTON-SALEM 27103 BOWMAN GRAY	S 88 00 85 919 724-6289
HOYLE, DAVID EMORY 5331 YARDLEY TERRACE DURHAM 27707 U OF NC	S 89 00 86 919 493-9279	JARRAHI, ALI 2830 MAPLEWOOD AVENUE WINSTON-SALEM 27103 U OF TEHRAN	P /PH AC 62 62 73 919 768-2424	KEITH, JULIAN FAISON, JR. BOWMAN GRAY-FAMILY MED. WINSTON-SALEM 27103 BOWMAN GRAY	FP AC 53 53 57 919 748-2251
HUBBARD, STEPHEN ADRIAN 2930 CLUB PARK ROAD WINSTON-SALEM 27104 BOWMAN GRAY	IM /EM S 88 00 85 919 760-1226	JENNINGS, ANGELA L. 1725-B FRANCISCAN TERR. WINSTON-SALEM 27107 BOWMAN GRAY	S 90 00 87 919 788-4844	KEITH, THEODORE ALLEN 2810 MAPLEWOOD AVE. WINSTON-SALEM 27103 BOWMAN GRAY	CD AC 67 67 75 919 768-0437
HUDSPETH, ALLEN SHERRILL 300 S. HAWTHORNE RD. WINSTON-SALEM 27103 BOWMAN GRAY	CDS /TS AC 53 53 63 919 748-4359	JERARD, D'SOUZA V. 300 S. HAWTHORNE RD. WINSTON-SALEM 27103 BANGALORE MED CO	AC 71 74 87 919 748-4435	KELLAR, LISA COLLIER BOWMAN GRAY SCH. OF MED. STUDENT BOX 100 WINSTON-SALEM 27103 BOWMAN GRAY	S 88 00 86 919 748-8318
HUFFMAN, JOHN MITCHEL, JR. 300 S. HAWTHORNE ROAD WINSTON-SALEM 27103 BOWMAN GRAY	S 89 00 85 919 722-9378	JOBSON, VERNON WAKEFIELD 1901 S. HAWTHORNE RD. STE. 360 WINSTON-SALEM 27103 U OF KANSAS	GYN /ON AC 73 77 80 919 765-1464	KELLEY, TIMOTHY FRANCIS 448 S. HAWTHORNE RD. WINSTON-SALEM 27103 BOWMAN GRAY	S 89 00 85 919 722-5371
HUGHES, DOREEN L. 2047 CRAIG ST. APT. B WINSTON-SALEM 27103 BOWMAN GRAY	S 90 00 86 919 722-5423	JOHNSON, ATLEE ROLLINS, III 2412 JEFFERSON AVE. WINSTON-SALEM 27103 BOWMAN GRAY	S 87 00 84 919 723-3171	KELLY, DAVID L., JR. BOWMAN GRAY-NEUROSURGERY WINSTON-SALEM 27103 U OF NC	NS AC 59 59 65 919 748-4049
HUGHES, THOMAS PATRICK 1901 S. HAWTHORNE RD. #310 WINSTON-SALEM 27103 TULANE U	GE AC 79 79 85 919 725-8326	JOHNSON, HENRY WESLEY 3175 MAPLEWOOD AVENUE WINSTON-SALEM 27103 BOWMAN GRAY	PD AC 56 56 59 919 768-7030	KELLY, JEFFREY 406 CLIFFDALE DR. WINSTON-SALEM 27104 MED COLL OF OHIO	EM /AN R 81 82 85 919 768-8280
HUNT, THOMAS HOLMES 3155 MAPLEWOOD AVENUE WINSTON-SALEM 27103 BOWMAN GRAY	DR /NR AC 71 71 77 919 760-5874	JOHNSTON, FRANK RANDOLPH 300 S. HAWTHORNE RD. WINSTON-SALEM 27103 DUKE	TS /CDS L/RT 42 50 50 919 748-4338	KELLY, ROBERT GEORGE 2805 LYNDBURST AVENUE WINSTON-SALEM 27103 MED U OF SC	FP AC 74 75 79 919 768-8890
HUNTER, BILLY RAY 1328 ASHLEY SQUARE WINSTON-SALEM 27103 U OF NC	P AC 76 82 84 919 765-5092	JOHNSTON, WILLIAM ELLIOTT 300 S. HAWTHORNE RD. WINSTON-SALEM 27103 DUKE	AN AC 75 79 87 919 748-3613		

34. FORSYTH-STOKES-DAVIE COMPONENT SOCIETY (Continued)

KELLY, WILLIAM SHERWOOD 116 S. MAIN ST. KERNERSVILLE 27284 U OF LOUISVILLE	FP AC 81 81 84 919 993-2224	KULP, KENNETH ROBERT 1900 S. HAWTHORNE RD. STE. 358 WINSTON-SALEM 27103 U OF NC	D AC 74 74 79 919 768-4382	LINS, MARK DAVID 1641-F NORTHWEST BLVD. WINSTON-SALEM 27104 BOWMAN GRAY	S 90 00 86 919 725-8423
KENNEDY, CHARLIE LEE 501 N. CLEVELAND AVE. WINSTON-SALEM 27101 MEHARRY MED COLL	PD AC 63 64 67 919 725-0514	LAMAY, EDWARD NORMAN 448 HAWTHORNE RD. WINSTON-SALEM 27103 BOWMAN GRAY	S 88 00 85 919 722-5371	LINTON, EUGENE BELL 112 BENT ST., BOX 742 BERMUDA RUN 27006 MED COLL OF VA	OBG AC 51 52 62 919 765-9350
KERR, ROBERT MORTON BOWMAN GRAY, DEPT. OF MED. WINSTON-SALEM 27103 CORNELL U	GE /IM AC 61 66 70 919 748-4602	LASTER, DAN WAYNE 300 S. HAWTHORNE RD. WINSTON-SALEM 27103 U OF TEXAS	R AC 66 66 84 919 748-4435	LIPSON, ERIC JAMES 1900 QUEEN ST., APT. A-5 WINSTON-SALEM 27103 BOWMAN GRAY	S 88 00 84 919 724-9034
KEY, STEVEN PAUL 300 S. HAWTHORNE RD., BOX 374 WINSTON-SALEM 27103 BOWMAN GRAY	S 90 00 86 919 777-0769	LATZ, TRACY J. T. 452 CORONA ST. WINSTON-SALEM 27103 BOWMAN GRAY	S 90 00 86 919 723-5305	LITTLE, HARRY 158 HOSPITAL ST. PO BOX 425 MOCKSVILLE 27028 BOWMAN GRAY	FP AC 80 80 77 704 634-2108
KEYES, KENNETH SHOCKLEY 1420 PLAZA DRIVE WINSTON-SALEM 27103 U OF OREGON	OTO /HNS AC 66 66 75 919 765-4922	LAWLESS, MICHAEL RHODES DEPT. OF PEDIATRICS BOWMAN GRAY SCH. OF MED. WINSTON-SALEM 27103 U OF TEXAS	PD AC 68 68 78 919 727-8108	LITTLEJOHN, THOMAS W. 3185 MAPLEWOOD AVENUE WINSTON-SALEM 27103 U OF TENNESSEE	OBG /OBS AC 47 48 49 919 768-0684
KILBY-SIMPSON, MARTHA ANN 420 BRIARLEA RD. WINSTON-SALEM 27104 BOWMAN GRAY	S 88 00 84 919 768-2403	LEE, BENJAMIN HOWARD 2050 CRAIG ST. APT. #8 WINSTON-SALEM 27103 BOWMAN GRAY	S 89 00 87 919 454-3742	LITTLEJOHN, THOMAS WILLARD, III 2805 LYNDBURST AVENUE WINSTON-SALEM 27103 U OF NC	FP AC 73 73 77 919 768-8890
KIMBERLY, GEORGE DOUGLAS PO BOX 1047 MOCKSVILLE 27028 BOWMAN GRAY	FP AC 58 58 60 704 634-1124	LEE, K. STUART 325 JANET ST. WINSTON-SALEM 27104 EAST CAROLINA U	NS R 81 83 78 919 748-2011	LODGE, JEFFREY SANDS 1416 GLADE STE. #9 WINSTON-SALEM 27103 BOWMAN GRAY	S 89 00 86 919 721-9959
KING, MICHAEL EUSTERMAN 3111 MAPLEWOOD AVE. WINSTON-SALEM 27103 U OF NC	ORS AC 77 77 83 919 768-4110	LEINBACH, LAURENCE B. BOWMAN GRAY SCH. OF MED. WINSTON-SALEM 27103 HARVARD	DR AC 52 52 58 919 748-3416	LONG, JOHN CLAYTON 1401-C OLD MILL CIRCLE WINSTON-SALEM 27103 U OF NC	D AC 73 73 77 919 765-8121
KINNEY, STEPHEN LEIGH 130 LIONHEAD COURT BALTIMORE, MD 21237 BOWMAN GRAY	S 87 00 85 301 574-1523	LEMLY-MUNDY, REGINA GAIL 752 PINE LAKE DR. VIRGINIA BEACH, VA 23462 BOWMAN GRAY	IM R 83 83 80 804 474-9113	LORD, RICHARD WILLIAM, JR. 2506 MILLER PARK CIRCLE WINSTON-SALEM 27103 BOWMAN GRAY	S 88 00 86 919 722-7649
KLEIN, ALAN 631 LICHFIELD ROAD WINSTON-SALEM 27104 U-WITWATERSRAND	DR AC 54 77 77 919 748-4316	LENDLE, DONALD LAWRENCE 147 COLUMBINE DR. WINSTON-SALEM 27106 U OF CALIFORNIA	FP AC 74 75 82 919 722-9535	LOWE, STEPHEN BECHTLER SALEM ORTHOPAEDIC ASSOC. PA PO BOX 25007 WINSTON-SALEM 27114 U OF NC	ORS /HS AC 76 76 77 919 768-1270
KLEIN, ROBERT EDWARD 650 COLISEUM DRIVE WINSTON-SALEM 27106 BOWMAN GRAY	BLB AC 51 51 81 919 725-4346	LEONARD, RALPH BEAUMONT 300 S. HAWTHORNE ROAD WINSTON-SALEM 27103 MED U OF SC	EM AC 77 78 81 919 748-4626	LYLES, MARY FENNELL 300 S. HAWTHORNE ROAD WINSTON-SALEM 27103 U OF MISSISSIPPI	IM /GER AC 75 75 80 919 748-2051
KLEIN, STEVEN RUSSELL 2933 MAPLEWOOD AVENUE WINSTON-SALEM 27103 TULANE U	IM AC 74 74 79 919 765-5250	LESHIN, BARRY 300 S. HAWTHORNE RD. DEPT. OF DERMATOLOGY WINSTON-SALEM 27103 U OF TX-HOUSTON	D AC 81 81 86 919 748-2768	MACK, RONALD BRIAN 2516 WOODBERRY DRIVE WINSTON-SALEM 27106 LOYOLA U	PD AC 54 55 82 919 727-8108
KOHUT, ROBERT IRWIN 300 S. HAWTHORNE RD. WINSTON-SALEM 27103 U OF CHICAGO	OTO /HNS AC 60 61 79 919 748-4161	LETTIERI, SALVATORE CARMINE 416 LOCKLAND AVE. WINSTON-SALEM 27103 BOWMAN GRAY	S 88 00 84 919 723-1839	MACK, YVONNE BOX 140, 300 S. HAWTHORNE WINSTON-SALEM 27103 BOWMAN GRAY	S 88 00 85 919 722-1325
KOMAN, L. ANDREW 300 S. HAWTHORNE RD. WINSTON-SALEM 27103 DUKE	ORS /HS AC 74 74 82 919 748-2878	LEVIN, STEPHEN WARREN 116-A S. CHERRY STREET KERNERSVILLE 27284 U OF TENNESSEE	PD AC 76 76 87 919 996-3883	MACLEAN, DAVID BURTON 786 ROSLYN ROAD WINSTON-SALEM 27104 U OF CALGARY	END AC 73 79 82 919 748-2076
KOOKEN, KEITH ROBERT 2915 LYNDBURST AVENUE WINSTON-SALEM 27103 INDIANA U	GS AC 60 63 67 919 765-5221	LEWIS, ARCH RITCHIE 3100 ROUND HILL RD. GREENSBORO 27408 BOWMAN GRAY	IM /PUD AC 65 65 72 919 379-6961	MALLOY, H. REMBERT 2020 NEW WALKERTOWN ROAD WINSTON-SALEM 27101 HOWARD U	GS L/RT 39 44 63 919 723-3729
KOONTZ, THOMAS JEFFREY 4250 ALLISTAIR ROAD WINSTON-SALEM 27104 U OF NC	GS AC 66 66 74 919 765-5221	LIDE, THOMAS NORWOOD 10 SOVEREIGN DRIVE HILTON HEAD ISLAND, SC 29928 DUKE	PTH L/RT 38 47 47 803 681-6815	MANDELL, GORDON LEE 1321 ABINGDON WAY WINSTON-SALEM 27106 U OF MARYLAND	AN AC 81 84 86 919 773-3259
KOSFELD, SCOTT LEE 420 LOCKLAND AVE. WINSTON-SALEM 27103 BOWMAN GRAY	S 89 00 85 919 722-9025	LIEBSCHER, GREGORY JOHN 1605 NORTH WEST BLVD. WINSTON-SALEM 27104 BOWMAN GRAY	S 87 00 86 919 777-1279	MARION, JEREMIAH RICHARD, III 631 COLISEUM DR. WINSTON-SALEM 27106 DUKE	OPH AC 73 75 83 919 723-1041
KOUFMAN, JAMES ALAN BOWMAN GRAY, DIV. OTO WINSTON-SALEM 27103 BOSTON U	LAR /OTO AC 73 75 79 919 748-4161	LIMPERT, GEORGE HENRY 1124 FENIMORE ST. WINSTON-SALEM 27103 BOWMAN GRAY	FP R 85 85 85 919 723-4806	MARLOWE, DONNA M. 1208-A W. 4TH ST. WINSTON-SALEM 27101 BOWMAN GRAY	S 90 00 86 919 727-1866
KOURI, DAVID LAWRENCE 1935 W. FIRST ST. WINSTON-SALEM 27104 BOWMAN GRAY	S 89 00 86 919 723-7169	LINK, ARTHUR STANLEY, JR. 1401-B OLD MILL CIRCLE WINSTON-SALEM 27103 COLUMBIA U	ID /IM AC 72 74 79 919 765-8420	MARSHALL, RICHARD BLAIR 236 STANAFORD ROAD WINSTON-SALEM 27104 BOSTON U	PTH AC 55 57 80 919 748-2626
KRAMER, STEPHEN IRWIN 250 CHARLOIS BLVD. WINSTON-SALEM 27103 JEFFERSON	P AC 78 79 83 919 768-4730	LINK, KERRY MICHAEL 300 S. HAWTHORNE RD., BOX 265 WINSTON-SALEM 27103 U OF ROCHESTER	R 82 83 85 919 724-4498	MARTIN, JAMES FRANKLIN 2680-3 GROSVENOR PLACE WINSTON-SALEM 27106 CASE WESTERN RES	R /DR L 42 50 51 919 748-4505
KROOVAND, ROY LAWRENCE 300 S. HAWTHORNE RD. WINSTON-SALEM 27103 U OF CINCINNATI	U /PD AC 68 68 84 919 748-4131				

34. FORSYTH-STOKES-DAVIE COMPONENT SOCIETY (Continued)

MARX, RICHARD SAMUEL 1401-B OLD MILL CIRCLE WINSTON-SALEM 27103	ID /IM AC 74 74 80	MCKINLEY, PHILIP HOWARD 3111 MAPLEWOOD AVENUE WINSTON-SALEM 27103	OPH AC 72 76 82	MINICK, JAMES ELDER 5029 COUNTRY CLUB ROAD WINSTON-SALEM 27104	GP AC 51 52 82
BOWMAN GRAY	919 765-8420	TULANE U	919 768-3240	TEMPLE U	919 768-9515
MATTHEWS, BRIAN LEWIS DEPT. OF OTOLARYNGOLOGY N. C. BAPTIST HOSPITAL WINSTON-SALEM 27103	OTO AC 80 82 86	MCKINNEY, WILLIAM MARKLEY BOWMAN GRAY-NEUROLOGY WINSTON-SALEM 27103	N /NM AC 59 59 70	MINICK, RUSSELL CLARK 1504 WILLIAMS RD. LEWISVILLE 27023	FP AC 46 46 72
BOWMAN GRAY	919 748-4161	U OF VIRGINIA	919 748-4494	TEMPLE U	919 768-9515
MATTHEWS, COY RANDOLPH 120 EDEN TERRACE #1 WINSTON-SALEM 27103	S 88 00 85	MCLAUGHLIN, JAMES CHARLES 250 CHARLOIS BOULEVARD WINSTON-SALEM 27103	OBG AC 51 52 77	MIRAGLIA, CHARLES CARMEN 1057 S. HAWTHORNE RD. WINSTON-SALEM 27103	S 89 00 85
BOWMAN GRAY	919 723-9781	JEFFERSON	919 768-4730	BOWMAN GRAY	919 723-2299
MATTOX, HUITT EVERETT, III 1764 ROBINHOOD RD. WINSTON-SALEM 27104	IM R 84 85 83	MCLEAN, WILLIAM THADDEUS, JR. 300 S. HAWTHORNE RD. WINSTON-SALEM 27103	N /PD AC 51 51 67	MIRAGLIA, COLLEEN P. 1057 S. HAWTHORNE RD. WINSTON-SALEM 27103	FP R 83 84 86
EAST CAROLINA U	919 725-3227	BOWMAN GRAY	919 748-2316	HAHNEMANN	919 723-2299
MATTOX, JAMES DWIGHT, JR. 1546 OVERBROOK AVENUE WINSTON-SALEM 27104	P AC 69 69 76	MCNEIL, QUINCY ALBERT, JR. 2909 MAPLEWOOD AVENUE WINSTON-SALEM 27103	OBG AC 69 69 77	MISHKIND, STEVEN HART 2500-C MILLER PARK CIRCLE WINSTON-SALEM 27103	S 89 00 85
BOWMAN GRAY	919 768-6930	BOWMAN GRAY	919 765-2802	BOWMAN GRAY	919 722-0477
MAXWELL, MICHAEL C. 418 LOCKLAND AVENUE WINSTON-SALEM 27103	S 89 00 85	MCWHORTER, JOE MAURICE 300 S. HAWTHORNE RD. WINSTON-SALEM 27103	NS AC 68 68 77	MONROE, JOHN HOWARD 2909 MAPLEWOOD AVENUE WINSTON-SALEM 27103	GYN AC 47 47 57
BOWMAN GRAY	919 723-8294	U OF MISSISSIPPI	919 748-4020	HARVARD	919 765-2802
MAY, WILLIAM JOSEPH 300 S. HAWTHORNE ROAD WINSTON-SALEM 27103	GYN /OBG AC 44 44 49	MEADS, MANSON 300 S. HAWTHORNE RD. WINSTON-SALEM 27103	IM L/RT 43 47 47	MONTGOMERY, WILLIAM GARDNER 2932 LYNDDURST AVE. WINSTON-SALEM 27103	U AC 52 52 56
BOWMAN GRAY	919 748-4595	TEMPLE U	919 748-4301	BOWMAN GRAY	919 765-4021
MAYNARD, CHARLES DOUGLAS BOWMAN GRAY, DEPT. OF RAD. WINSTON-SALEM 27103	NM AC 59 59 63	MEANS, ROBERT LEE PO BOX 5082, ARDMORE STATION WINSTON-SALEM 27103	GS AC 47 48 55	MOODY, DIXON MCGUIRE BOWMAN GRAY-RADIOLOGY WINSTON-SALEM 27103	DR AC 63 63 74
BOWMAN GRAY	919 748-4575	BOWMAN GRAY	919 725-1602	U OF TEXAS-SW	919 748-4435
MCCABE, JAMES MICHAEL 2305 CRESTVIEW WAY WINSTON-SALEM 27103	P /N AC 75 81 81	MEARS, GREGORY DON 953 KEARNS AVE. WINSTON-SALEM 27106	EM R 85 00 85	MOREHEAD, ROBERT PAGE 1051 ARBOR ROAD WINSTON-SALEM 27104	PTH L/RT 36 36 38
MED COLL OF VA	919 722-2235	MISSOURI U-KC	919 723-7160	JEFFERSON	919 722-2679
MCCAIN, KENNETH FRANKLIN 223 HARPER STREET WINSTON-SALEM 27104	A AC 60 60 65	MEIS, PAUL JEAN BOWMAN GRAY, DEPT. OF OBG WINSTON-SALEM 27103	OBG /NPM AC 59 60 78	MORGAN, MELVIN KENNETH 5029 COUNTRY CLUB RD. WINSTON-SALEM 27104	FP AC 80 82 86
U OF NC	919 765-3756	U OF IOWA	919 748-4039	BOWMAN GRAY	919 773-0074
MCCALL, CHARLES EMORY 300 S. HAWTHORNE RD. WINSTON-SALEM 27103	IM /ID AC 61 61 78	MEREDITH, JAY WAYNE 363 SPRINGDALE AVENUE WINSTON-SALEM 27104	TRS /TS AC 78 79 81	MOSTELLAR, HENRY CURTIS, III 2229 PARKWAY DR. WINSTON-SALEM 27103	GS R 83 85 84
BOWMAN GRAY	919 748-4584	BOWMAN GRAY	919 748-2011	U OF SOU ALA	919 723-7177
MCCALL, WILLIAM, JR. 1405 PLAZA DRIVE WINSTON-SALEM 27103	A /IM AC 49 52 55	MEREDITH, JESSE HEDGEPEETH BOWMAN GRAY-SURGERY WINSTON-SALEM 27103	GS /TS AC 51 61 64	MOUNTJOY, JOHN ROBERT 1420 PLAZA DRIVE WINSTON-SALEM 27103	OTO AC 66 67 75
DUKE	919 765-4131	CASE WESTERN RES	919 748-4278	GEO WASHINGTON U	919 765-4922
MCCAULEY, ROGER LEE 190 CHARLOIS BOULEVARD WINSTON-SALEM 27103	P AC 70 70 76	MEYER, DAVID DAVIS 1800 S. HAWTHORNE ROAD WINSTON-SALEM 27103	AC 69 69 85	MURPHY, BARBARA ANN 1759 HAWTHORNE ROAD WINSTON-SALEM 27103	S 87 00 84
WEST VA U	919 768-6930	BOWMAN GRAY	919 768-1860	BOWMAN GRAY	919 765-5938
MCCONVILLE, JOSEPH FRANCIS 2257 BRECKNOCK DR. WINSTON-SALEM 27103	AN AC 78 83 86	MEYERS, JAMES HOWARD 2540 EMPIRE DR. WINSTON-SALEM 27103	PTH AC 72 74 82	MURPHY, MICHAEL D. 1819 GRACE ST. WINSTON-SALEM 27103	S 90 00 86
CREIGHTON U	919 765-2259	WASHINGTON U	919 722-9410	BOWMAN GRAY	919 724-5686
MCCOOL, JAMES ALVIS 3333 SILAS CREEK PARKWAY WINSTON-SALEM 27103	PTH AC 64 64 79	MICHEL, RONALD CHARLES 250 CHARLOIS BLVD. WINSTON-SALEM 27103	IM /END AC 72 72 86	MURPHY, WENDY ELAINE 1539 1/2 HAWTHORNE RD. WINSTON-SALEM 27103	S 89 00 85
BOWMAN GRAY	919 760-5840	WEST VA U	919 768-4730	BOWMAN GRAY	919 765-1935
MCCULLOUGH, DAVID LEGARDE BOWMAN GRAY, DEPT. OF URO. WINSTON-SALEM 27103	U AC 64 64 84	MILLER, EMERY CLYDE, JR. 300 S. HAWTHORNE RD. WINSTON-SALEM 27103	END /IM AC 49 53 55	MURRAY, NIAL PATRICK 780 YORKSHIRE ROAD WINSTON-SALEM 27106	AN AC 54 54 83
BOWMAN GRAY	919 748-4131	JOHNS HOPKINS	919 748-4274	NAT U OF IRELAND	919 760-5259
MCCUNNIFF, ANN JONES 1025 WESSYNGTON RD. WINSTON-SALEM 27104	ON /TR AC 81 83 86	MILLER, HENRY SHELTON, JR. 300 S. HAWTHORNE RD. WINSTON-SALEM 27103	CD /IM AC 54 54 73	MUSS, HYMAN BERNARD BOWMAN GRAY, DEPT. OF MED. WINSTON-SALEM 27103	ON /HEM AC 68 70 75
MED COLL OF GA	919 748-4981	BOWMAN GRAY	919 748-4467	DOWNSTATE ME CTR	919 748-4397
MCCUNNIFF, DENNIS EDWARD 1025 WESSYNGTON ROAD WINSTON-SALEM 27104	OBG AC 81 83 86	MILLS, MICHAEL KENNETH 3402 DONEGAL DR. CLEMMONS 27012	OBG AC 82 82 80	MYERS, RICHARD THOMAS 300 S. HAWTHORNE RD. WINSTON-SALEM 27103	GS /TS AC 43 43 50
MED COLL OF GA	919 768-6221	BOWMAN GRAY	919 722-6891	U OF PENN	919 748-4541
MCGUIRT, WILLIAM FREDERICK 300 S. HAWTHORNE RD. WINSTON-SALEM 27103	OTO /ON AC 68 68 77	MILLS, STEPHEN ALAN 3320 PADDINGTON LANE WINSTON-SALEM 27106	CDS /TS AC 71 71 81	MYRACLE, JOHN HOBART 250 CHARLOIS BOULEVARD WINSTON-SALEM 27103	PD /PDC AC 74 75 79
BOWMAN GRAY	919 748-4161	MCGILL U	919 748-4488	U OF OKLAHOMA	919 768-4730
MCINNIS, TERRY ALICE 300 S. HAWTHORNE RD. BOX 257 WINSTON-SALEM 27103	S 87 00 84	MILNER, THOMAS HAMILTON, III 3155 MAPLEWOOD AVENUE WINSTON-SALEM 27104	DR AC 68 69 75	MYRICK, WILLIAM GLENN FORSYTH MEDICAL PK, STE. 714 WINSTON-SALEM 27103	IM AC 62 62 66
BOWMAN GRAY	919 760-0935	MED COLL OF GA	919 773-3877	BOWMAN GRAY	919 765-3088
MCIVOR, ANDREW CRAIG 646 BRENT ST. WINSTON-SALEM 27103	S 88 00 84	MIMS, GROVER RAY, III 2580 COUNTRY CLUB ROAD WINSTON-SALEM 27104	AN AC 66 66 77	NANZETTA, LEONARD 2756 WINDSOR ROAD WINSTON-SALEM 27104	AN L/RT 42 46 46
BOWMAN GRAY	919 723-4069	BOWMAN GRAY	919 748-4791	U OF MICHIGAN	919 768-7572

34. FORSYTH-STOKES-DAVIE COMPONENT SOCIETY (Continued)

NAPOLITANO, CHARLES A. 107 ECHO GLEN DR. APT. B4 WINSTON-SALEM 27106	S 90 00 86	ORCUTT, JAMES MICHAEL 1327 REVERE RD. WINSTON-SALEM 27103	S 90 00 86	PETRILLI, ROBERT 5465 STYERS FERRY RD. CLEMMONS 27012	EM AC 82 83 84
BOWMAN GRAY	919 722-7787	BOWMAN GRAY	919 725-8866	U OF SOU FLORIDA	919 766-0479
NAPPER, CLAY HUGHES 301 MILLER ST., STE. 209 WINSTON-SALEM 27103	IM AC 56 56 62	OTT, DAVID JAMES 4761 GREY FOX COURT WINSTON-SALEM 27104	DR AC 71 72 78	PETROZZA, PATRICIA HARPER 300 S. HAWTHORNE RD. WINSTON-SALEM 27103	AN AC 78 80 84
BOWMAN GRAY	919 723-0789	U OF MICHIGAN	919 765-7633	JEFFERSON	919 748-4498
NELSON, DAVID STEPHEN 248 FLINTSHIRE ROAD WINSTON-SALEM 27104	EM/GS AC 61 61 73	PARKER, PETER EMENS 2933 MAPLEWOOD AVENUE WINSTON-SALEM 27103	GS/VS AC 60 60 71	PHAN, THAI TIEN 300 S. HAWTHORNE RD. WINSTON-SALEM 27103	P AC 72 72 83
BOWMAN GRAY	919 765-3950	OHIO STATE U	919 765-0155	U OF HUE	919 748-3920
NELSON, LEWIS HENRY, III BOWMAN GRAY, DEPT. OF OBG WINSTON-SALEM 27103	OBG/GYN AC 70 70 79	PARKER, ROBERT L., JR. 822 S. CHERRY ST. KERNERSVILLE 27284	OBG AC 82 83 86	PHILLIPPI, PAUL JASPER 261 STAFFORDSHIRE ROAD WINSTON-SALEM 27104	IM AC 56 57 78
BOWMAN GRAY	919 748-4291	BOWMAN GRAY	919 993-4532	U OF TENNESSEE	919 768-9401
NEWSOME, ALBERT RAY 1405 PLAZA DRIVE WINSTON-SALEM 27103	CD AC 61 61 67	PARRIS, ALVA EDWARD 2240 CLOVERDALE AVE., STE. 219 WINSTON-SALEM 27103	FP/OM AC 53 53 54	PHILLIPS, ERNEST PAUL, JR. 1405 PLAZA DRIVE WINSTON-SALEM 27103	CD AC 78 79 85
U OF NC	919 765-4131	BOWMAN GRAY	919 725-5881	U OF FLORIDA	919 765-4131
NEWSOME, SAMUEL CARL P. O. BOX 1129 KING 27021	FP AC 75 75 73	PARSLEY, BETSY ALLEN 3420 THORESBY COURT WINSTON-SALEM 27104	PD AC 69 69 73	PHILLIPS, WESLEY FLETCHER P. O. BOX 727 KERNERSVILLE 27284	FP AC 62 62 67
BOWMAN GRAY	919 983-4346	BOWMAN GRAY	919 768-6830	BOWMAN GRAY	919 993-8181
NEWTON, JIMMIE ISAAC 3030 TRENWEST DRIVE WINSTON-SALEM 27103	OBG AC 64 64 78	PASCHOLD, EUGENE H. 3314 HEALY DR. STE. 107 WINSTON-SALEM 27103	ON/IM AC 78 79 85	PHIPPS, CARL SPENCER 3333 SILAS CREEK PARKWAY WINSTON-SALEM 27103	END/IM AC 62 62 66
U OF NC	919 768-4310	BOWMAN GRAY	919 768-2521	U OF NC	919 765-1640
NICASTRO, JOSEPH FRANCIS 4159 GREENMEAD ROAD WINSTON-SALEM 27106	ORS AC 69 73 77	PATTERSON, RICHARD BRUCE 300 S. HAWTHORNE RD. WINSTON-SALEM 27103	PHO/PD AC 55 55 61	PIKULA, LOUIS, JR. 3080 TRENWEST DRIVE WINSTON-SALEM 27103	NS AC 61 61 70
M C OF WISCONSIN	919 748-3947	BOWMAN GRAY	919 748-4085	BOWMAN GRAY	919 765-3750
NIFONG, FRANK MILLER P. O. BOX 988 CLEMMONS 27012	FP L 43 43 48	PAUCA, ALFREDO LAZO 300 S. HAWTHORNE RD. WINSTON-SALEM 27103	AN AC 58 58 77	PITSER, WILLIAM ROSS 1420 PLAZA DRIVE WINSTON SALEM N C 27103	OTO AC 62 62 70
JEFFERSON	919 766-6811	SAN MARCOS U	919 748-4473	U OF NC	919 765-4922
NOLAN, ROBERT EARL 1901 S. HAWTHORNE, STE. 210 WINSTON-SALEM 27103	GS/VS AC 55 60 60	PAYNE, JEFFREY C. 315 S. SUNSET DR. APT. 2 WINSTON-SALEM 27103	S 90 00 86	PITTAWAY, DONALD EDWARD 578 MAIDSTONE LANE CLEMMONS 27012	OBG AC 77 77 84
CASE WESTERN RES	919 765-5101	BOWMAN GRAY	919 723-1491	LSU-SHREVEPORT	919 748-2368
NOMEIR, ABDEL-MOHSEN 3219 PENSBY ROAD WINSTON-SALEM 27106	CD/IM AC 52 72 78	PEACOCK, JAMES EDWARD, JR. 300 S. HAWTHORNE RD. WINSTON-SALEM 27103	ID/IM AC 75 76 83	PLONK, GEORGE WEBB, JR. BOWMAN GRAY - SURGERY WINSTON-SALEM 27103	GS/VS AC 73 74 81
ALEXANDRIA U	919 748-4581	U OF NC	919 748-4507	BOWMAN GRAY	919 748-4449
NORFLEET, CHARLES MILLNER, JR. 1244 ARBOR ROAD, #199 WINSTON-SALEM 27104	U LRT 37 37 41	PEARCE, LARRY ALLEN 300 S. HAWTHORNE RD. WINSTON-SALEM 27103	N AC 61 61 72	PODGORNY, GEORGE 2115 GEORGIA AVENUE WINSTON-SALEM 27104	EM/GS AC 62 69 73
U OF PENN	919 722-1464	BOWMAN GRAY	919 748-4101	BOWMAN GRAY	919 727-1161
O'CONNOR, MICHAEL LEE BOWMAN GRAY, DEPT. OF PATH. WINSTON-SALEM 27103	PTH AC 64 65 76	PEARSON, WILLIAM SEYMOUR BOWMAN GRAY SCH. OF MED. 300 S. HAWTHORNE RD WINSTON-SALEM 27103	P AC 60 60 66	POEHLING, GARY GEORGE BOWMAN GRAY, DEPT. OF ORS WINSTON-SALEM 27103	ORS/HS AC 68 76 77
U OF KANSAS	919 748-4311	U OF NC	919 748-4553	M C OF WISCONSIN	919 748-3948
O'NEAL, RUTH BOWMAN GRAY, DEPT. OF PED. WINSTON-SALEM 27103	PD L 43 45 48	PEGRAM, PAUL SAMUEL, JR 2332 ELIZABETH AVENUE WINSTON-SALEM 27103	ID/IM AC 70 70 80	POLLAK, MICHAEL JOSEPH 302 FORSYTH MEDICAL PARK WINSTON-SALEM 27103	OBG AC 68 68 74
MED COLL OF VA	919 727-8105	BOWMAN GRAY	919 748-4246	MED COLL OF VA	
OBBER, KARL PATRICK 300 S. HAWTHORNE RD. WINSTON-SALEM 27103	END/IM AC 74 76 82	PENCE, CARLA RAFFETY 1900 QUEEN ST. A-4 WINSTON-SALEM 27103	IM R 85 00 83	POLLARD, HAROLD CALLOWAY, III 2927 LYNDBURST AVE. WINSTON-SALEM 27103	OBG AC 73 73 79
U OF FLORIDA	919 748-2076	BOWMAN GRAY	919 725-7499	U OF NC	919 765-9350
OGBURN, LUNDIE CALVIN 312 FORSYTH MEDICAL PARK WINSTON-SALEM 27103	GYN L 28 28 36	PENKAR, SURESH JAGANNATH 3333 SILAS CREEK PARKWAY WINSTON-SALEM 27103	AN AC 70 71 76	POLLOCK, FRANK EDWARD SALEM ORTHOPAEDIC ASSOC. PA PO BOX 25007 WINSTON-SALEM 27114	ORS AC 54 57 60
JEFFERSON	919 765-9150	U OF BOMBAY	919 773-3180	OHIO STATE U	919 768-1270
OLKOWSKI, STEVEN THOMAS 1160 EDENWOOD DRIVE WINSTON-SALEM 27103	OPH R 81 84 84	PENNELL, TIMOTHY CLINARD BOWMAN GRAY - SURGERY WINSTON-SALEM 27103	GS/TS AC 60 60 72	POOL, ROBERT SMITHWICK FORSYTH MEMORIAL HOSPITAL WINSTON-SALEM 27103	PTH/CLP AC 55 55 67
GEORGETOWN U	919 760-2157	BOWMAN GRAY	919 748-4671	BOWMAN GRAY	919 773-3840
OLSEN, JEFFREY DOVE 2451 BOONE AVE. WINSTON-SALEM 27103	S 89 00 85	PEPPER, FRANCIS DEWITT, JR. 3155 MAPLEWOOD AVENUE WINSTON-SALEM 27103	R/NM AC 56 56 64	POPE, JAMES ELLIS 300 S. HAWTHORNE ROAD WINSTON-SALEM 27103	CD AC 78 79 84
BOWMAN GRAY	919 725-9812	U OF NC	919 765-2702	EASTERN VA	919 748-4326
OLYMPIO, GEORGIA K. 526 OSBORNE RD. WINSTON-SALEM 27103	PTH R 82 84 85	PERRY, DAVID RUSSELL, JR. 3175 MAPLEWOOD AVENUE WINSTON-SALEM 27103	PD AC 46 47 53	PORCHEY, CARL JOSEPH, JR. 3630 WINDING CREEK WAY WINSTON-SALEM 27106	IM AC 72 74 76
U OF FLORIDA	919 768-5217	BOWMAN GRAY	919 768-7030	WASHINGTON U	919 768-4730
OLYMPIO, MICHAEL A. 526 OSBORNE RD. WINSTON-SALEM 27103	AN AC 82 84 85	PERRY, IRVIN SAMUEL 2825 LYNDBURST AVENUE WINSTON-SALEM 27103	PUD/IM AC 55 55 76	POWELL, BAYARD LOWERY 300 S. HAWTHORNE RD. WINSTON-SALEM 27103	ON/HEM AC 80 80 78
U OF FLORIDA	919 768-5217	MED COLL OF VA	919 765-0383	U OF NC	919 748-2946
ORBOCK, JACOB ALEXANDER 250 CHARLOIS BOULEVARD WINSTON-SALEM 27103	IM/CD AC 62 65 79	PERRY, SAMUEL JOSEPH 1723 VIRGINIA RD. 1/2 WINSTON-SALEM 27104	S 88 00 85	PRICHARD, ROBERT WILLIAMS 300 S. HAWTHORNE RD. WINSTON-SALEM 27103	PTH AC 47 51 51
JEFFERSON	919 768-4730	BOWMAN GRAY	919 724-7601	GEO WASHINGTON U	919 748-2649

34. FORSYTH-STOKES-DAVIE COMPONENT SOCIETY (Continued)

PROCTOR, RICHARD CULPEPPER 381 WESTVIEW DR., S.W. WINSTON-SALEM 27104 BOWMAN GRAY	P RT 45 47 48 919 723-6020	RIEKER, ROBERT PAUL 510 HEARTHSIDE DR. WINSTON-SALEM 27104 TUFTS U	AN /PDC AC 66 67 85	RUFTY, ALFRED JACKSON, JR. BOWMAN GRAY, DEPT. OF MED. WINSTON-SALEM 27103 LA STATE U	CD /IM AC 61 61 73 919 748-4469
PRUETT, DENNIS DERWOOD 1611 W. FIRST STREET WINSTON-SALEM 27104 BOWMAN GRAY	EM AC 56 57 78 919 721-1075	RIELA, ANTHONY RICHARD 211 RIVERBEND DR. BERMUDA RUN 27006 MED SCH-UMDNJ	CHN /N AC 79 81 85 919 998-7646	RUSSELL, WILSON GLOVER FORSYTH MEM HOSP-PTH WINSTON-SALEM 27103 VANDERBILT U	PTH AC 74 75 81 919 773-3840
PULLIAM, THOMAS JACKSON 2811 FOXWOOD LANE WINSTON-SALEM 27103 BOWMAN GRAY	IM R 84 85 81 919 760-4557	RIESER, GEOFFREY DAVIS 2833 BIRCHWOOD DR. WINSTON-SALEM 27103 MED U OF SC	R 85 85 85 919 760-3090	RYDEN, JANICE BETH 300 S. HAWTHORNE RD. STUDENT BOX 543-BOWMAN GRAY WINSTON-SALEM 27103 BOWMAN GRAY	S 89 00 87 919 748-1783
RABEN, MILTON N. C. BAPTIST HOSPITAL WINSTON-SALEM 27103 TUFTS U	TR AC 59 59 71 919 748-4981	RIGGAN, JASPER SIMMONS, III 300 S. HAWTHORNE RD. STUDENT BOX 537 WINSTON-SALEM 27103 BOWMAN GRAY	S 89 00 86 919 760-1795	SANDERFORD, JAMES LYON, JR. 3155 MAPLEWOOD AVENUE WINSTON-SALEM 27103 U OF NC	DR /NM AC 78 78 78 919 773-3874
RABIL, WILLIAM EDMOND 2240 CLOVERDALE AVE., STE. 218 WINSTON-SALEM 27103 U OF VIRGINIA	GS /GYN AC 218 46 46 52 919 722-3691	ROARK, GARY LEE 1106 MELROSE ST. WINSTON-SALEM 27103 BOWMAN GRAY	S 89 00 85 919 761-1590	SANFORD, WILLIAM GORDON 440 FRIAR TUCK RD. WINSTON-SALEM 27104 U OF MARYLAND	OM /IM AC 48 48 72 919 766-9505
RACKLEY, JAMES WAYNE 250 CHARLOIS BLVD. WINSTON-SALEM 27103 U OF TENNESSEE	PD /HEM AC 55 55 77 919 768-4730	ROBACZEWSKI, DAVID L. 261-G DALEWOOD DR. WINSTON-SALEM 27104 BOWMAN GRAY	S 90 00 87 919 760-1643	SASIN, ILONA BRANDT 714 KEIGHTLY COURT WINSTON-SALEM 27104 KRAKOW-POLAND	FP /OM AC 60 77 78 919 784-2476
RANDALL, MARCUS EDDIE 300 S. HAWTHORNE RD. DIV. RADIATION ONCOLOGY WINSTON-SALEM 27103 U OF NC	ON AC 82 83 82 919 748-4981	ROBERTS, JESSE EARLE 1425 PLAZA DRIVE WINSTON-SALEM 27103 LA STATE U	RHU /IM AC 61 61 73 919 768-5221	SATO, TAKAO LEWIS 6730 AMBERLEY LN. CLEMMONS 27012 EAST CAROLINA U	IM R 86 86 83 919 766-9505
RANDOLPH, ANGUS CRAWFORD 300 S. HAWTHORNE RD. WINSTON-SALEM 27103 U OF VIRGINIA	P /N L 40 48 48 919 748-4635	ROBIE, PETER WILLIAM 300 S. HAWTHORNE RD. WINSTON-SALEM 27103 BAYLOR	IM AC 76 76 81 919 748-2085	SATTERWHITE, WILLIAM M. 1420 PLAZA DRIVE WINSTON-SALEM 27103 DUKE	OTO /HNS AC 58 58 65 919 765-4922
RATHMELL, JAMES PHILLIP 2080 CRAIG STREET WINSTON-SALEM 27103 BOWMAN GRAY	S 88 00 84 919 723-7041	ROBINSON, JAMES ELBERT FORSYTH MEDICAL PARK, STE. 504 WINSTON-SALEM 27103 NORTHWESTERN U	ORS AC 504 53 58 58 919 768-9500	SAWYER, CHARLES GLENN 300 S. HAWTHORNE RD. WINSTON-SALEM 27103 BOWMAN GRAY	CD /IM AC 44 44 50 919 748-4462
RAU, BRUCE WILLIAM 190 CHARLOIS BLVD. WINSTON-SALEM 27103 U OF MISSOURI	P AC 72 74 79 919 768-6930	ROCAMORA, LEE RUSSELL 2240 CLOVERDALE AVE., STE. 215 WINSTON-SALEM 27103 U OF NC	IM /GE AC 215 77 77 82 919 725-3591	SAYERS, DANIEL GARVIN 2804 MONTCLAIR ROAD WINSTON-SALEM 27106 OHIO STATE U	EM AC 77 77 78 919 748-4625
RAUCK, RICHARD LEE 2386 FAIRWAY DR. WINSTON-SALEM 27103 BOWMAN GRAY	AN AC 82 83 87 919 748-2591	ROGERS, JACK MARRELL BOWMAN GRAY, DEPT. OF PSY. WINSTON-SALEM 27103 BOWMAN GRAY	P /N AC 58 58 64 919 748-3617	SAYERS, WILLIAM FLOYD 3318 HEALY DRIVE WINSTON-SALEM 27103 U OF NC	PD AC 65 65 73 919 765-8490
RECORD, S. LEO, JR. P. O. BOX 627 KERNERSVILLE 27284 BOWMAN GRAY	FP AC 64 65 66 919 993-8181	ROGERS, JAMES MICHAEL 3318 HEALY DRIVE WINSTON-SALEM 27103 BOWMAN GRAY	PD AC 71 71 78 919 765-8490	SCHARYJ, MODESTO BOWMAN GRAY, DEPT. OF PATH. WINSTON-SALEM 27103 U OF WIEN	PTH AC 46 63 78 919 748-2632
REED, JOHN WILLIAM BOWMAN GRAY, DEPT. OF OPH WINSTON-SALEM 27103 BOWMAN GRAY	OPH AC 62 62 71 919 748-4091	ROMM, FREDRIC JAY BOWMAN GRAY-FAMILY MED. WINSTON-SALEM 27103 HARVARD	FP /GPM AC 70 71 84 919 748-2229	SCHERER, JAMES LEROY 3155 MAPLEWOOD AVENUE WINSTON-SALEM 27103 DUKE	R /DR AC 68 67 81 919 773-3874
REID, CHARLES FREDRIC 1806 S. HAWTHORNE RD. PO BOX 5655 WINSTON-SALEM 27103 U OF NC	U AC 74 75 79 919 768-0735	ROSE, RICHARD PHILLIP FORSYTH MEDICAL PARK, STE. 504 WINSTON-SALEM 27103 BOWMAN GRAY	ORS AC 504 64 64 75 919 768-9500	SCHILLER, HERBERT MILES 2570 EMPIRE DR. WINSTON-SALEM 27103 BOWMAN GRAY	PTH /CLP AC 68 68 78 919 760-4620
REID, CHARLES HAMILTON, JR. 215 PLYMOUTH AVE. WINSTON-SALEM 27104 DUKE	IM L/RT 42 45 45 919 768-0994	ROSEN, ROBERT DEAN 147 COLUMBINE DRIVE WINSTON-SALEM 27106 U OF PITTSBURGH	FP /EM AC 79 80 83 919 722-9535	SCHKOLNE, BENZION 300 BEECHCLIFF COURT WINSTON-SALEM 27104 U OF CAPE TOWN	AN AC 72 78 82 919 765-9091
REYNOLDS, JOYCE HINSON 9550 FREEMAN ROAD KERNERSVILLE 27284 BOWMAN GRAY	EM AC 52 52 55 919 996-2173	ROSS, ROBERT MITCHELL 1365 WESTGATE CENTER DR. #G-1 WINSTON-SALEM 27103 HAHNEMANN	AI AC 74 77 81 919 768-0914	SCHMID, HERMAN ERNEST, JR. 147 COLUMBINE DR. WINSTON-SALEM 27106 U OF ILLINOIS	FP /GP AC 55 56 71 919 722-9535
RHOADES, VADE G. 2240 CLOVERDALE AVE., STE. 98 WINSTON-SALEM 27103 BOWMAN GRAY	D AC 60 60 68 919 723-1834	ROUFAIL, WALTER MICHEL 1901 S. HAWTHORNE RD., #310 WINSTON-SALEM 27103 CAIRO U	GE /IM AC 57 66 66 919 760-4340	SCHROETER, THOMAS ANTHONY 1008 S. HAWTHORNE RD. WINSTON-SALEM 27103 BOWMAN GRAY	S 87 00 85 919 723-3633
RICE, WILLIAM YATES, III 706 FRIAR TUCK ROAD WINSTON-SALEM 27104 BOWMAN GRAY	S 89 00 85 919 768-7293	ROVERE, GEORGE DAVITTO 300 S. HAWTHORNE ROAD WINSTON-SALEM 27103 SYRACUSE	ORS AC 58 59 73 919 748-3946	SCHULTZ, JOHN LOESCH 3155 MAPLEWOOD AVENUE WINSTON-SALEM 27103 BOWMAN GRAY	DR /NM AC 61 61 73 919 760-5948
RICHARDS, FREDERICK, II 300 S. HAWTHORNE RD. WINSTON-SALEM 27103 MED U OF SC	ON /HEM AC 64 64 74 919 748-4337	ROY, RAYMOND CLYDE 454 WESTOVER AVENUE WINSTON-SALEM 27104 TULANE U	AN AC 74 75 83 919 748-4498	SCHWARTZ, EARL 3465 DIXIANA LANE PFAFFTOWN 27040 BOWMAN GRAY	EM AC 74 75 77 919 748-4625
RICHTER, JOEL EDWARDS 300 S. HAWTHORNE RD. WINSTON-SALEM 27103 U OF TEXAS-SW	GE /IM AC 75 75 83 919 748-2810	RUBIN, MICHAEL HOTELLING 1830 S. HAWTHORNE ROAD WINSTON-SALEM 27103 MED COLL OF VA	GE /IM AC 70 70 78 919 765-0463	SCUDERI, PHILLIP EDWARD 1728 BUENA VISTA RD. WINSTON-SALEM 27104 BOWMAN GRAY	AN AC 78 79 81 919 773-3180
		RUFFIN, MACK THOMAS, IV 3112 GEORGIA AVE. S. ST. LOUIS PARK, MN 55426 MED COLL OF VA	FP R 84 85 86	SEARS, VICTOR W., JR. 206 OAKWOOD CT. WINSTON-SALEM 27103 BOWMAN GRAY	S 90 00 86 919 760-1643

34. FORSYTH-STOKES-DAVIE COMPONENT SOCIETY (Continued)

SHAFFNER, LOUIS DES 740 N. PINE VALLEY ROAD WINSTON-SALEM 27106 HARVARD 919 725-1503	PDS /GS L/RT 41 47 51	SORIANO, CLINTON REYES 1901 S. HAWTHORNE RD. STE. 340 WINSTON-SALEM 27103 U OF EAST 919 765-6277	CDS AC 69 69 78	STURKIE, H. RAY 1365 WESTGATE CENTER DR. SUITE 1-C WINSTON-SALEM 27103 U OF ALABAMA	GYN AC 55 64 64
SHEALY, RONALD BERNARD 175 CHARLOIS BLVD., STE. 101 WINSTON-SALEM 27103 MED U OF SC 919 768-3361	OTO AC 75 76 81	SOUTH, STEPHEN ALAN 3059-F ORDWAY DR., NW ROANOKE, VA 24017 BOWMAN GRAY	IM S 87 00 84	SUGG, WILLIAM CUNNINGHAM 2240 CLOVERDALE AVE., STE. 220 WINSTON-SALEM 27103 JEFFERSON 919 723-4402	IM AC 53 53 57
SHEARIN, JACOB CONNELL, JR 208 FORSYTH MEDICAL PARK 1900 S. HAWTHORNE RD. WINSTON-SALEM 27103 U OF PENN 919 748-4171	PS /GS AC 68 70 79	SPENCER, RICHARD LEWIS 3309-A HEALY DRIVE WINSTON-SALEM 27103 MED COLL OF VA 919 765-6525	P AC 60 60 69	SUMNER, THOMAS EDWARD BOWMAN GRAY, DEPT. OF RAD. WINSTON-SALEM 27103 U OF ROCHESTER 919 748-4316	PDR /PD AC 68 68 77
SHEPARD, CLAUDIA PRICHARD 1406 JARVIS ST. WINSTON-SALEM 27101 BOWMAN GRAY 919 722-8253	S 89 00 85	SPENCER, WILLIAM JOSEPH 2933 MAPLEWOOD AVENUE WINSTON-SALEM 27103 BOWMAN GRAY 919 765-6020	IM /CD AC 61 62 77	SUTTON, HOMER GEORGE 3722 REYNOLDA ROAD WINSTON-SALEM 27106 BOWMAN GRAY 919 924-2900	FP AC 53 53 56
SHOWN, THOMAS EARL 2932 LYNHURST AVENUE WINSTON-SALEM 27103 U OF LOUISVILLE 919 765-4021	U AC 61 61 71	SPIVEY, DAVID EUGENE, JR. 1511 MAIN ST. SW ROANOKE, VA. 24015 BOWMAN GRAY 703 985-0216	S 87 00 85	SWOFFORD, JOEL HOWARD 111 DALEWOOD DR. APT. #6 WINSTON-SALEM 27104 BOWMAN GRAY 919 723-9174	S 87 00 84
SIMON, JIMMY L. BOWMAN GRAY, DEPT. OF PED. WINSTON-SALEM 27103 U OF CALIFORNIA 919 748-4431	PD AC 55 56 80	SPUDIS, EDWARD VERHINES 1900 S. HAWTHORNE RD. STE. 674 WINSTON-SALEM 27103 U OF MARYLAND 919 765-2195	N AC 53 59 59	TABOR, CHARLES GORDON 1360 PINEBLUFF ROAD WINSTON-SALEM 27103 BOWMAN GRAY 919 765-9074	IM /EM AC 54 54 54
SIMPSON, EUGENE MYERS, JR. 250 CHARLOIS BOULEVARD WINSTON-SALEM 27103 BOWMAN GRAY 919 768-4730	PD AC 73 73 77	SPURR, CHARLES LEWIS 300 S. HAWTHORNE RD. WINSTON-SALEM 27103 U OF ROCHESTER 919 748-2946	ON /HEM L 40 57 57	TAFT, CHARLES VAN 1425 PLAZA DR., BOX 25007 WINSTON-SALEM 27114 DUKE 919 768-1270	ORS AC 68 68 77
SIMSTEIN, NEIL LELAND 3309-B HEALY DR. WINSTON-SALEM 27103 NEW YORK MED COL 919 768-7500	GS /CDS 70 73 79	STALLINGS, DAVEY BINGHAM P. O. BOX 69 RURAL HALL 27045 BOWMAN GRAY 919 969-9158	GP AC 57 57 61	TALTON, DAVID S. 1995 HOODS CREEK DR. NEW BERN 28560 BOWMAN GRAY	S
SINGER, LAWRENCE ROBERT 250 CHARLOIS BOULEVARD WINSTON-SALEM 27103 GEO WASHINGTON U 919 768-4730	OBG AC 54 55 79	STAMEY, CHARLES CLAUD 3000 BETHESDA PL. #501 WINSTON-SALEM 27103 HARVARD 919 768-6830	PD AC 53 53 57	TANNER, DAUNE D. 1575 WATERFORD PLACE FT. MILL, SC 29715 U OF KENTUCKY	EM R 84 85 85
SINTHUSEK, CHIRAPA 1200 TARTAN CT. WINSTON-SALEM 27106 CHIENGMAI U 919 725-4741	IM /END AC 70 73 78	STANDISH, MYLES 838 BRENT WINSTON-SALEM 27103 BOWMAN GRAY 919 725-6971	S 89 00 86	TARA, CHARLES SAMUEL 1702 S. HAWTHORNE ROAD WINSTON-SALEM 27103 U OF VERMONT 919 768-4140	OPH AC 69 69 77
SLATE, FRANCIS WESLEY P. O. BOX 407 MOCKSVILLE 27028 U OF CAPE TOWN 704 634-6121	GS AC 47 57 59	STANFORD, EDWARD JOSEPH 1935 GASTON ST. WINSTON-SALEM 27103 BOWMAN GRAY	S 89 00 85	TATE, DAVID HARRISON 3175 MAPLEWOOD AVENUE WINSTON-SALEM 27103 BOWMAN GRAY 919 768-7030	PD AC 65 65 69
SLUSHER, M. MADISON 300 S. HAWTHORNE RD. WINSTON-SALEM 27103 U OF KENTUCKY 919 748-4091	OPH AC 64 65 74	STEPHENSON, ANNE ELIZABETH 725-A GALES AVE. WINSTON-SALEM 27103 BOWMAN GRAY 919 748-1783	S 89 00 85	TAYLOR, BLUCHER EHRLINGHAUS 2909 LYNHURST AVENUE WINSTON-SALEM 27103 BOWMAN GRAY 919 765-5470	OBG AC 63 63 69
SMALTO, GARY PAUL 401 S. SUNSET DR. WINSTON-SALEM 27103 BOWMAN GRAY 919 724-9744	S 88 00 85	STERCHI, JOHN MICHAEL 300 S. HAWTHORNE RD. WINSTON-SALEM 27103 U OF CINCINNATI 919 748-4276	ON /GS AC 66 66 79	TAYLOR, MARY ANN HAMPTON 4450 GREEN MEADOWS WINSTON-SALEM 27106 BOWMAN GRAY 919 761-5218	FP AC 60 60 64
SMITH, BARBARA ANNE 607-B S. HAWTHORNE RD. WINSTON-SALEM 27103 BOWMAN GRAY 919 723-7041	S 87 87	STERNER, DAVID CHARLES 3487 TANGLEBROOK TR. CLEMMONS 27012 BOWMAN GRAY 919 766-6117	GS /OBG S 88 00 84	THELAN, KENNETH MACLACHLAN 250 CHARLOIS BLVD. WINSTON-SALEM 27103 U OF MICHIGAN 919 768-4730	IM AC 75 78 79
SMITH, CLAUDE ALFRED 3155 MAPLEWOOD AVENUE WINSTON-SALEM 27103 JEFFERSON 919 765-2702	R AC 53 53 66	STEWART, RONALD CLEVELAND 2901 MAPLEWOOD AVENUE WINSTON-SALEM 27103 BOWMAN GRAY 919 765-8620	PS /HS AC 74 75 82	THOMAS, BARBARA ANNE LOWRY 2720 WINDY CROSSING WINSTON-SALEM 27107 MED U OF SC 919 785-2073	P R 85 85 85
SMITH, JOHN BALDWIN, III 160 CHARLOIS BLVD. WINSTON-SALEM 27103 MED COLL OF VA 919 768-5834	N /CHN AC 69 69 76	STONE, PERRY GALE DALTON ROAD, P. O. BOX 426 KING 27021 BOWMAN GRAY 919 983-2531	PD AC 76 76 84	THOMASON, ROBERT BRADLEY, III N.C. BAPTIST HOSPITAL 300 S. HAWTHORNE RD. WINSTON-SALEM 27103 BOWMAN GRAY 919 748-2011	GS R 84 86 85
SMITH, NAT ERSKINE 2900 COUNTRY CLUB ROAD WINSTON-SALEM 27104 MED COLL OF GA 919 748-4524	IM AC 49 49 77	STONEROCK, GRACE JANINE 1641-E NORTHWEST BLVD. WINSTON-SALEM 27104 BOWMAN GRAY 919 724-5446	S 89 00 85	THOMPSON, JAMES NICHOLAS BOWMAN GRAY-SURGERY WINSTON-SALEM 27103 OHIO STATE U 919 748-4161	OTO /PSF AC 71 71 80
SMITH, RUSSELL LEE 1030 W. 25TH STREET WINSTON-SALEM 27104 U OF ILLINOIS 919 723-2188	IM /GP L/RT 32 41 65	STORY, LLOYD JERRELL HAWTHORNE MED. PL. #260 1901 S. HAWTHORNE RD. WINSTON-SALEM 27103 U OF TENNESSEE 919 768-4460	IM /CD AC 61 65 68	TOLMIE, JOHN DUNCAN 1543 ABBEY COURT WINSTON-SALEM 27103 MCGILL U 919 727-4271	AN AC 59 70 76
SNOWHITE, JENNIFER CELESTE 1712 ELIZABETH AVE. WINSTON-SALEM 27103 BOWMAN GRAY 919 722-8712	S 89 00 85	STOUT, ROBERT GREGROY 415 IRVING ST. WINSTON-SALEM 27103 BOWMAN GRAY 919 723-9141	S 89 00 85	TOOLE, JAMES FRANCIS 300 S. HAWTHORNE RD. WINSTON-SALEM 27103 CORNELL U 919 748-4101	N /IM AC 49 62 63
SOHMER, MARCUS FRANK, JR. 1901 S. HAWTHORNE RD. #310 WINSTON-SALEM 27103 BOWMAN GRAY 919 760-4340	GE /IM AC 52 52 56	STRINGER, LLEWELLYN WINN 1728 S. HAWTHORNE ROAD WINSTON-SALEM 27103 MED COLL OF VA 919 765-7517	PUD AC 66 66 74	TROOST, B. TODD 300 S. HAWTHORNE RD. DEPT. OF NEUROLOGY WINSTON-SALEM 27103 HARVARD 919 765-4021	N /OPH AC 63 70 85
SOPER, HERBERT ALVA 1901 S. HAWTHORNE RD. STE. 320 WINSTON-SALEM 27103 U OF ARKANSAS 919 768-1180	GYN /OBS AC 60 67 68	STUBBS, ALLSTON JULIUS 7932 LYNHURST AVENUE WINSTON-SALEM 27103 DUKE	U AC 67 67 79		

34. FORSYTH-STOKES-DAVIE COMPONENT SOCIETY (Continued)

TROWELL, AMY REBECCA 250 CHARLOIS BOULEVARD WINSTON-SALEM 27103 MED COLL OF GA	PD /PHO AC 72 72 78 919 768-4730	WATTS, LESTER EARL 300 S. HAWTHORNE RD. WINSTON-SALEM 27103 BOWMAN GRAY	CD /IM AC 57 57 57 919 748-4581	WILLIAMS, KENAN BANKS 3175 MAPLEWOOD AVENUE WINSTON-SALEM 27103 JEFFERSON	PD AC 44 44 51 919 768-7030
TRUJILLO, JAIME EMILIO 3111 MAPLEWOOD AVE., STE. 101 WINSTON-SALEM 27103 CASE WESTERN RES	IM /END AC 73 75 77 919 768-0496	WEAVER, EDWARD HARRISON 190 CHARLOIS BLVD. WINSTON-SALEM 27103 U OF ALABAMA	P AC 74 75 81 919 768-6930	WILLIAMS, ROBERT BARCLAY 21 FISHERS MILL DR. COLUMBIA, SC 29206 BOWMAN GRAY	S 87 00 84
TUCKER, WILLIAM YORK, JR. 300 S. HAWTHORNE ROAD WINSTON-SALEM 27103 BOWMAN GRAY	CDS AC 68 68 86 919 748-4487	WEAVER, R. GREY, JR. 771 REAFORD ROAD WINSTON-SALEM 27104 BOWMAN GRAY	PD AC 77 77 84 919 748-4091	WILLIAMS, ROBERT LEE 2004 CLAXTON DRIVE WINSTON-SALEM 27107 DUKE	PD AC 75 76 80 919 785-0037
TURNER, CHARLES SIEWERS 2819 FOREST DRIVE WINSTON-SALEM 27104 BOWMAN GRAY	PDS AC 70 70 75 919 724-0345	WEBB, LAWRENCE XAVIER 300 S. HAWTHORNE RD. WINSTON-SALEM 27103 TEMPLE U	ORS AC 78 78 85 919 748-3606	WILLIAMS, SAMUEL CLAY 2637 AUDUBON DR. WINSTON-SALEM 27106 U OF PENN	IM AC 45 46 51 919 722-3838
TURNER, HENRY CATLETT 300 S. HAWTHORNE RD. WINSTON-SALEM 27103 U OF NC	AN AC 62 62 68 919 748-4791	WEBER, GLENDA H. P. O. BOX 809 CLEMMONS 27012 BOWMAN GRAY	PTH AC 65 65 70 919 768-7680	WILSON, ROBERT LEWIS, JR. 2418 JEFFERSON AVE. WINSTON-SALEM 27103 BOWMAN GRAY	S 87 00 84 919 722-4588
UELAND, FREDERICK R. 1819 GRACE ST. 300 S. HAWTHORNE RD. WINSTON-SALEM 27103 BOWMAN GRAY	S 90 00 87 919 723-0070	WEBER, JOEL MICHAEL 1045-C BANK ST. WINSTON-SALEM 27101 BOWMAN GRAY	S 87 00 84 919 722-6775	WILSON, VIRGIL ARCHIBALD 4193 DIMHOLT COURT WINSTON-SALEM 27104 U OF NC	AN AC 54 54 55 919 765-8452
VALK, HENRY LEWIS 300 S. HAWTHORNE RD. WINSTON-SALEM 27103 DUKE	IM L 41 43 48 919 748-4677	WEBER, STEPHEN F. 2772 ASBURY LANE WINSTON-SALEM 27103 SOU IL MED SCH	R 82 83 87 919 760-2621	WOLFE, JOHN RICHARD 2933 MAPLEWOOD AVENUE WINSTON-SALEM 27103 MED COLL OF VA	IM /RHU AC 67 67 76 919 765-1640
VAN NOORD, GLENN RICHARD 4020 DRESDEN DR. WINSTON-SALEM 27104 WAYNE STATE U	FP AC 74 74 86 919 748-2230	WEEKS, DUKE BYRON 2615 TALLWOOD COURT WINSTON-SALEM 27106 BOWMAN GRAY	AN AC 65 65 75 919 748-4791	WOLFMAN, NEIL TURNER BOWMAN GRAY, DEPT. OF RAD. WINSTON-SALEM 27103 ALBANY MED COLL	R AC 71 72 79 919 748-2471
VREELAND, WALLING D., JR. 3910 COUNTRY CLUB ROAD WINSTON-SALEM 27104 BOWMAN GRAY	GP AC 55 55 57 919 765-0170	WELANDER, CHARLES ERIC 300 S. HAWTHORNE RD. WINSTON-SALEM 27103 U OF CHICAGO	GYN /ON AC 71 72 81 919 748-4022	WOODRUFF, RALPH DUTTON BOWMAN GRAY, DEPT. OF PATH. WINSTON-SALEM 27103 JEFFERSON	PTH AC 65 68 83 919 748-4311
WADDELL, BRAD EDWARD 204 PERSHING AVE., SW WINSTON-SALEM 27103 BOWMAN GRAY	S 89 00 86 919 725-2939	WELCH, EARL PARKS, JR. 2825 LYNTHURST AVE. STE. 105 WINSTON-SALEM 27103 U OF NC	GS /TS AC 57 57 65 919 760-3112	WRIGHT, JOHN HERMAN, JR. 2901 MAPLEWOOD AVENUE WINSTON-SALEM 27103 U OF NC	PS /GS AC 68 68 75 919 765-8620
WALKER, DANA SHERRICK 2100 BRICKHAVEN DR. GREENSBORO 27407 BOWMAN GRAY	FP R 84 87 82	WELFARE, CHARLES RANDALL 1113 STANDISH COURT WINSTON-SALEM 27106 U OF PENN	IM L/RT 40 40 47 919 723-3856	WU, WALLACE CHI LI 300 S. HAWTHORNE RD. WINSTON-SALEM 27103 U OF HONG KONG	GE /IM AC 66 66 75 919 748-4603
WALKER, JAMES LYSLE 2353 QUEEN ST. #D WINSTON-SALEM 27103 BOWMAN GRAY	S 89 00 86 919 722-9268	WELLS, ANDREW HENDERSON 1715 ELIZABETH AVE. WINSTON-SALEM 27103 BOWMAN GRAY	S 88 00 84 919 761-0895	YOPP, JAMES DENNIE, JR. 602 FORSYTH MEDICAL PARK WINSTON-SALEM 27103 BOWMAN GRAY	CD /IM AC 66 66 74 919 765-4871
WALKER, LAWRENCE CRUMPLER, JR. 2927 LYNTHURST AVE. WINSTON-SALEM 27103 DUKE	OBG AC 60 60 69 919 765-9350	WESTON, JONATHAN D. 495 N. CLEVELAND AVE. WINSTON-SALEM 27101 U OF ROCHESTER	OBG AC 75 75 85 919 725-8874	YOUNCE, LAURA L. H. 4361 JOHNSBOROUGH CT., APT 78 WINSTON-SALEM 27104 BOWMAN GRAY	S 80 00 86 919 768-5971
WALKER, WILLIAM THOMAS 202 S. CHERRY ST. KERNERSVILLE 27284 MED COLL OF VA	FP L/RT 49 50 50 919 993-2011	WESTON, LYNDA RIGSBEE 610 COLISEUM DR. CHILD GUIDANCE CENTER WINSTON-SALEM 27106 BOWMAN GRAY	P AC 77 78 83 919 723-3571	YOUNT, ERNEST HARSHAW, JR. 2800 GREENWICH ROAD WINSTON-SALEM 27104 VANDERBILT U	IM L/RT 43 48 48 919 748-4678
WALL, ROSCOE LEGRAND, JR. 440 SHERWOOD FOREST ROAD WINSTON-SALEM 27104 JEFFERSON	GYN /END L/RT 40 40 50 919 765-3383	WHITAKER, RICHARD HARPER 120 N. CHERRY ST. KERNERSVILLE 27284 U OF PENN	GP L/RT 34 34 39 919 993-3838	ZAGORIA, RONALD JAY 300 S. HAWTHORNE RD. DEPT. OF RADIOLOGY WINSTON-SALEM 27103 U OF MARYLAND	DR R 83 84 85 919 748-4316
WALLENHAUPT, STEPHEN L. 300 S. HAWTHORNE RD. WINSTON-SALEM 27103 BOWMAN GRAY	CDS AC 78 82 87 919 748-2281	WHITE, DOUGLAS RECTOR BOWMAN GRAY, DEPT. OF MED. WINSTON-SALEM 27103 U OF CHICAGO	HEM /ON AC 67 74 75 919 748-4380	ZAMMIT, ROBERT PAUL 406 FORSYTH MEDICAL PARK WINSTON-SALEM 27103 CREIGHTON U	OBG AC 56 67 67 919 765-2232
WALLEY, BRUCE DOUGLAS 2827 LYNTHURST AVE. STE. 205 WINSTON-SALEM 27103 BOWMAN GRAY	CD /CDS AC 74 74 83 919 768-9535	WHITE, JAMES ALFRED, JR. 2240 CLOVERDALE AVE.-#198 WINSTON-SALEM 27103 U OF TENNESSEE	PTH AC 48 55 56 919 722-1154	ZANOLLI, MICHAEL DOMINIC 300 S. HAWTHORNE RD. WINSTON-SALEM 27103 U OF TENNESSEE	D AC 81 81 86 919 748-2768
WALTER, PAUL ANDREW, JR. 2832 FAIRMONT ROAD WINSTON-SALEM 27106 BOWMAN GRAY	AN AC 55 55 70 919 768-7680	WHITENER, DONALD LEONARD 2927 LYNTHURST AVENUE WINSTON-SALEM 27103 JOHNS HOPKINS	OBG AC 46 50 51 919 765-9350	ZARATE, RENATO P. O. BOX 86 DANBURY 27016 FAR EAST U	IM AC 69 70 75 919 593-2001
WARD, WALTER AVEREL, JR. 1411-B PLAZA WEST RD. WINSTON-SALEM 27103 BOWMAN GRAY	OTO /A AC 61 61 76 919 760-0240	WIGGINS, JOHN CARROLL, JR. 1121 PARTRIDGE LANE WINSTON-SALEM 27106 HARVARD	IM L/RT 41 47 48 919 765-5334	ZEKAN, PATRICIA JOAN 300 S. HAWTHORNE ROAD WINSTON-SALEM 27103 WEST VA U	ON /IM AC 78 78 84 919 748-2075
WATSON, NAT ERSKINE, JR. 766 OAKLAWN AVENUE WINSTON-SALEM 27104 MED U OF SC	NM /IM AC 66 66 79 919 748-3520	WIGGINS, THOMAS BARNES 2508 MOUNT SALEM ROAD PFAFFTOWN 27040 BOWMAN GRAY	DR R 83 85 81 919 922-1364	ZIMMERMAN, CAROL FRANCES 784 N. STRATFORD ROAD WINSTON-SALEM 27104 U OF MISSISSIPPI	OPH /N R 81 82 83 919 748-3500

35. FRANKLIN COMPONENT SOCIETY

OFFICERS—**President:** Carey S. Perry, M.D., 113 Jolly St., Louisburg 27549 (919 496-4250)

Secretary: Paul Kile, M.D., 113 Jolly St., Louisburg 27549 (919 496-4250)

MEDDERS, JAMES DOYLE 113 JOLLY STREET LOUISBURG 27549 U OF NC	GP /CD AC 56 56 62 919 496-4250	PERRY, CAREY JONES 113 JOLLY STREET LOUISBURG 27549 U OF NC	FP AC 56 56 62 919 496-4250	STOVER, PHILLIP E. FRANKLIN FAMILY MEDICINE 519 N. BICKETT BLVD. LOUISBURG 27549 EASTERN VA	FP AC 80 81 86 919 496-5774
PATTERSON, BERNARD LOW 626 N. BICKETT BOULEVARD LOUISBURG 27549 MED COLL OF VA	FP AC 52 53 55 919 496-3680	STALLINGS, STEPHEN D., JR. ROUTE #2, BOX 109 ZEBULON 27597 BOWMAN GRAY	GP AC 46 47 50 919 269-8802	WHELESS, THOMAS O. 948 N. MAIN STREET LOUISBURG 27549 BOWMAN GRAY	FP /GER AC 43 43 47 919 496-3375
PERDUE, JASPER BURT, JR. 111 JOLLY STREET LOUISBURG 27549 BOWMAN GRAY	GS AC 64 64 71 919 496-4177				

36. GASTON COMPONENT SOCIETY

OFFICERS—**President:** Henry C. Thomason, M.D., 1021 X-Ray Dr., Gastonia 28054 (704 867-2341)

Secretary: John B. Garrett, Jr., M.D., 631 Cox Rd., Gastonia 28054 (704 864-7764)

Executive Secretary: Linda S. Mauldin, P.O. Box 1747, Gastonia 28053 (704 866-2990)

ABERNETHY, WILLIAM BORDEN, JR. 610 DEERWOOD GASTONIA 28052 U OF NC	PD AC 60 60 66 704 864-4298	BOLIN, LEWIS BRYANT 226 WILMOT DR. GASTONIA 28054 BOWMAN GRAY	GP AC 54 54 58 704 865-2386	DEAS, DAVID JOHN 238-3 WILMOT DR., BLDG. 239 GASTONIA 28054 DUKE	P AC 61 61 65 704 867-2338
ADAMS, SIMEON HUEY 902-G COX ROAD GASTONIA 28054 MED COLL OF VA	GS AC 53 55 59 704 864-7821	BOLIN, LEWIS BRYANT, JR. 226 WILMOT DRIVE GASTONIA 28054 BOWMAN GRAY	FP AC 82 84 86 704 865-2386	DICKSON, BRICE TEMPELTON, JR. 837 ATHENIAN DR. GASTONIA 28052 JEFFERSON	IM L/RT 44 44 50 704 867-7656
AGNER, MARSHAL EDWARD 609 E. ACADEMY ST. PO BOX 159 CHERRYVILLE 28021 DUKE	FP AC 52 54 54 704 435-6058	BOND, JOHN PENNINGTON 1806 FAIRFIELD DRIVE GASTONIA 28054 MED COLL OF GA	GS L/RT 40 47 48 704 865-0154	DIGBY, RONALD WYMAN 1896 REMOUNT ROAD GASTONIA 28054 MED COLL OF GA	CD /IM AC 71 72 77 704 867-0735
AIKEN, JANET CYBRYNSKI 1349-B E. GARRISON BLVD. GASTONIA 28054 U OF NC	IM AC 76 78 80 704 861-0210	BONNIN, IRVIN RAYMOND 1225 E. GARRISON BOULEVARD GASTONIA 28054 LA STATE U	OBG AC 64 64 74 704 867-7226	DRAKE, SAMUEL THOMAS 603 COX ROAD GASTONIA 28054 MED U OF SC	GE /IM AC 73 75 79 704 867-3585
AIKEN, WARWICK, III 1349-B E. GARRISON BLVD. GASTONIA 28054 U OF NC	IM AC 76 78 73 704 861-0210	BOYCE, OREN DOUGLAS 406 S. CHESTER STREET GASTONIA 28052 DUKE	IM /HYP L 33 35 46 704 865-3181	EAVES, RUPERT SPENCER, JR. 631 COX RD. GASTONIA 28054 U OF NC	OPH AC 60 60 66 704 864-7789
AIZCORBE, RAUL CESAR 79 MCADENVILLE ROAD BELMONT 28012 U OF HABANA	FP AC 52 64 65 704 825-3101	BRADLEY, GEORGE LEE, JR. 800 E. FIRST STREET CHERRYVILLE 28021 PHIL OSTEO MC	GP /AM AC 68 69 83 704 435-4111	ECKBERT, WILLIAM FOX P. O. BOX 309 CRAMERTON 28032 DUKE	FP L 39 41 42 704 824-1321
AKERS, RICHARD EDWIN 631 COX ROAD GASTONIA 28054 MED U OF SC	OPH AC 70 72 74 704 864-7789	BRANDON, DANIEL 3028 MT. VERNON DRIVE GASTONIA 28054 BOWMAN GRAY	EM AC 65 65 70 704 866-2266	FEUER, ABE LAWRENCE 1006 FAIRFIELD DR. GASTONIA 28054 HAHNEMANN	OTO L/RT 39 47 49 704 864-2222
ALBRIGHT, BENJAMIN PHILLIPS, JR. 1896 REMOUNT ROAD GASTONIA 28054 EMORY U	IM AC 65 65 71 704 867-0735	BREEDEN, THOMAS E. 603 COX ROAD, ABERDEEN PLAZA GASTONIA 28052 MED U OF SC	GYN /OBG AC 60 60 72 704 867-3551	FISHER, CARL ELLIS 902-C COX ROAD GASTONIA 28054 U OF NC	PD AC 69 69 76 704 867-5356
ALLAN, JAMES THOMAS, JR. 3705 PRINCETON DRIVE GASTONIA 28054 U OF PENN	R AC 70 70 76 704 866-2948	CAIN, FRANK CORAL, JR. 224 NEW HOPE ROAD GASTONIA 28052 DUKE	GP AC 53 54 55 704 865-8241	FORRESTER, JAMES SUMMERS P. O. BOX 459 STANLEY 28164 BOWMAN GRAY	FP /GPM AC 62 62 63 704 263-4716
ANTHONY, LUTHER LESLIE, JR. 1896 REMOUNT ROAD GASTONIA 28054 JEFFERSON	IM /CD AC 53 53 54 704 867-0736	CALDWELL, JESSE BURGOYNE, JR. 1307 PARK LANE GASTONIA 28052 MCGILL U	GYN L/RT 41 41 50 704 865-0968	FREEMAN, PERCY LEE LAKE WYLIE, RT. #5, BOX 410-G CLOVER, SC 29710 MED COLL OF GA	U L/RT 43 47 47 803 831-8598
ARNEY, GERALD WAYNE GASTON RAD.MED. BLDG. P. O. BOX 1495 GASTONIA 28052 U OF TENNESSEE	DR AC 74 75 82 704 864-4378	CHAMBERS, ROBERT EDWARD 1839 E. GARRISON BOULEVARD GASTONIA 28054 DUKE	PD AC 52 56 56 704 864-2685	GARRETT, JOHN BOSTIAN, JR. 631 COX ROAD GASTONIA 28054 MED U OF SC	U AC 73 74 82 704 864-7764
AYCOCK, PERRY WILLIAM, JR. 1896 REMOUNT ROAD GASTONIA 28054 MED U OF SC	IM /GE AC 68 68 74 704 867-0735	CONNER, JOEL DEWITT 471 COX ROAD GASTONIA 28052 U OF NC	GYN AC 57 58 63 704 865-0033	GIBBS, STUART WYNN 2647 ARMSTRONG COURT GASTONIA 28054 BOWMAN GRAY	R L/RT 44 44 48 704 865-5883
BARRINGER, ROBERT PHILLIPS 1896 REMOUNT ROAD GASTONIA 28054 U OF NC	IM AC 66 66 74 704 867-0730	COUTURE, MARK MOSCOE 902 COX RD. STE. G GASTONIA 28054 MCGILL U	GS AC 74 74 79 704 864-6011	GLENN, DOROTHY NORMAN ISLAMABAD-ID, DEPT. OF STATE WASHINGTON, DC 20523 MED COLL OF PENN	OBG L 38 38 40 703 235-9656
BLAKE, ROBERT ADAMS 902-D COX ROAD GASTONIA 28054 MED U OF SC	ORS AC 65 65 74 704 864-6723	COX, RUSSELL JACKSON 902 COX RD. STE. C GASTONIA 28052 U TX-SAN ANTONIO	PD AC 79 79 82 704 864-6522	GREGORY, WILLIAM LYON 2405 LOWELL ROAD GASTONIA 28052 MED U OF SC	GP AC 55 57 58 704 865-8134
		DAVIS, RUFUS JACKSON P. O. BOX 337 CRAMERTON 28032 MED U OF SC	GP AC 46 50 51 704 825-8266	GROVES, ROBERT BURWELL, JR. 902 COX ROAD, SUITE F GASTONIA 28052 MED COLL OF VA	OBG AC 53 53 54 704 867-1549

36. GASTON COMPONENT SOCIETY (Continued)

HAMMOND, WILLIAM HOWARD, JR. 224 S. NEW HOPE RD. GASTONIA 28054 MEHARRY MED COLL	GP AC 63 64 72 704 867-3621	MASON, GARY MERLIN MEDICAL PARK 902 COX RD., STE. F GASTONIA 28054 CASE WESTERN RES	OBG AC 82 86 86 704 867-6386	SANDERS, JAMES ALLEN 902-E COX ROAD GASTONIA 28052 BOWMAN GRAY	ORS AC 63 63 68 704 867-2333
HAYES, WILLIAM CLAYTON, JR. 635-A COX ROAD GASTONIA 28054 U OF NC	PD AC 74 76 85 704 864-5437	MCDOWELL, ROY HENDRIX 100 DOGWOOD LANE BELMONT 28012 U OF MARYLAND	FP L/RT 29 29 31 704 825-8546	SCHMITTER, KARL JOSEPH 902 COX RD., STE. C GASTONIA 28054 OHIO STATE U	GS/HNS AC 78 81 85 704 864-7821
HEMBREE, EUGENE EDWARD, JR. 1225 E. GARRISON BLVD. GASTONIA 28054 MED U OF SC	OBG AC 66 66 73 704 865-7417	MILLER, ANDREW CLEVELAND, III 311 W. THIRD AVENUE GASTONIA 28052 U OF NC	FP AC 55 55 60 704 865-4231	SCOTT, JACKSON VANCE 101 W. CATAWBA AVENUE MOUNT HOLLY 28120 JEFFERSON	FP/IM AC 59 62 66 704 827-3014
HENDERSON, BRADLEY E. 902 COX RD. STE. A GASTONIA 28054 MED COLL OF GA	DRS AC 81 82 86 704 865-6487	MILLER, GEORGE ROLFE 902 COX ROAD, SUITE A GASTONIA 28052 U OF ROCHESTER	ORS L/RT 43 50 50 704 865-6487	SEEAR, TORBEN 938 PARAMOUNT CIRCLE GASTONIA 28052 U OF COPENHAGEN	GYN L/RT 41 54 54 704 864-7935
HORLEY, WILLIAM NOLEN 28 E. WOODROW AVENUE BELMONT 28012 DUKE	FP L 41 46 47 704 825-5376	MORRIS, LESLIE MORGAN 3636 BRENTWOOD DR. GASTONIA 28054 BOWMAN GRAY	R L/RT 43 43 48 704 865-4430	SHANNON, WILLIAM BARTHOLOMEW 1061 X-RAY DR. GASTONIA 28054 EMORY U	OPH AC 76 76 84 704 861-8557
HOUSER, FOREST MELVILLE 410 S. ELM STREET CHERRYVILLE 28021 U OF PENN	GP L/RT 28 28 30 704 435-6803	MOSKOWITZ, MARK SANDERS 2555 PEMBROKE ROAD GASTONIA 28054 BOSTON U	GS/VS AC 74 80 80 704 864-8377	SHASTRY, CHANDRASHEKARA 607 E. GARRISON BLVD. GASTONIA 28054 KARNATAK U	IM/END AC 70 71 83 704 866-4607
HOWE, DONALD DOUGLAS 1225 E. GARRISON BLVD. GASTONIA 28054 U OF NC	OBG AC 70 71 77 704 865-7416	MURPHY, THOMAS LYNCH, JR. 1021 X-RAY DR. GASTONIA 28054 HARVARD	IM/PUD AC 73 76 82 704 867-2341	SHERILL, WILLIAM C., JR. 1896 REMOUNT RD. GASTONIA 28054 U OF FLORIDA	IM/PUD AC 79 79 86 704 867-0735
HUTCHINS, CHARLES HUBERT 750 COX ROAD GASTONIA 28054 MED COLL OF GA	PSF/OTO AC 66 66 75 704 867-7212	NICHOLS, GEORGE LOUIS 1431 LAUREL LANE GASTONIA 28054 CREIGHTON U	P/CHP AC 63 64 74 704 867-4411	SILVOY, EDWARD JOHN 1010 X-RAY DR. GASTONIA 28054 NEW YORK MED COL	OTO/PS AC 71 72 79 704 865-7677
JACOBS, GEORGE DANIEL 1225 E. GARRISON BLVD. GASTONIA 28054 U OF NC	OBG AC 76 76 82 704 865-7416	NIEMEYER, CHARLES JOHN 902 COX ROAD, SUITE A GASTONIA 28054 DUKE	ORS AC 66 66 74 704 865-6487	SIVA, SIVALINGAM 900 COX ROAD GASTONIA 28054 U OF SINGAPORE	NS AC 65 76 78 704 865-7655
JARMAN, WILLIAM HENRY, JR. 902 COX RD. STE. E GASTONIA 28052 U OF NC	ORS AC 67 67 74 704 867-2333	NORCROSS, FREDERICK CLEVELAND 1839 E. GARRISON BOULEVARD GASTONIA 28052 GEO WASHINGTON U	PD AC 64 64 71 704 864-2685	SMITH, JOSEPH PINKNEY 1508 S. YORK STREET GASTONIA 28052 BOWMAN GRAY	GP AC 45 45 49 704 864-3496
JARVIS, JAMES LUTHER 1516 PINEOLA LANE GASTONIA 28054 BOWMAN GRAY	NM/R AC 46 46 52 704 864-4378	OGDEN, ROBERT HARVEY 902 COX RD., STE. F GASTONIA 28054 MED COLL OF GA	OBG AC 63 69 70 704 867-6386	SODERSTROM, LAWRENCE PAUL 10230 BALMORAL CIRCLE CHARLOTTE 28210 BOWMAN GRAY	DR/NM AC 80 81 80 704 864-4378
KAHN, ROBERT HOWARD 1072 X-RAY DR. PO BOX 3598 GASTONIA 28053 NEW YORK U	D AC 72 73 76 704 864-8386	PEACH, CHARLES ARTHUR 902 COX RD., STE. F GASTONIA 28054 MED COLL OF GA	OBG AC 78 79 83 704 867-6386	STARK, THOMAS HALL 603 COX ROAD GASTONIA 28054 MED COLL OF VA	GYN AC 57 69 70 704 866-0111
KEATHLEY, FRANKLIN BURR 224 NEW HOPE ROAD GASTONIA 28052 U OF TENNESSEE	D/A AC 46 50 50 704 867-0773	PENDLEY, ROBERT ALAN 211 S. CHESTNUT STREET GASTONIA 28054 EMORY U	GE/IM AC 76 77 82 704 867-4406	STREETER, CHARLES TRUMAN 222 WOODRIDGE DR. BELMONT 28012 U OF NEBRASKA	FP AC 45 55 56 704 825-4426
KING, GLENDALL LEE 902 COX ROAD, SUITE A GASTONIA 28054 WASHINGTON U	ORS AC 55 65 65 704 865-6487	PERKINS, ROBERT SANBORN 3406 COUNTRY CLUB DR. GASTONIA 28054 TUFTS U	TS/GS AC 60 62 84 704 864-8377	STROUPE, ALBERTUS ULA, JR. 157 OAKLAND STREET MOUNT HOLLY 28120 MED COLL OF VA	GP L/RT 31 31 38 704 827-4863
LAHSE, CHARLES IRVING 902-C COX ROAD GASTONIA 28052 BOWMAN GRAY	PD RT 46 46 52 704 867-5356	PILLAI, JEYAKUMAR P. 238-3 WILMOT DR. #239 GASTONIA 28054 KARNATAK UNIV.	P AC 78 78 85 704 867-2338	TAYLOR, JAMES EDWARD 631 COX ROAD GASTONIA 28052 MED COLL OF GA	U AC 77 77 83 704 867-4896
LEEPER, WILLIAM EDWARD, JR. 2525 PINWOOD RD. GASTONIA 28054 DUKE	IM RT 43 44 52 704 866-2851	PRINCE, GEORGE EDWARD 3709 ST. REGIS DR. GASTONIA 28054 DUKE	PD AC 44 47 48 704 866-3222	THOMAS, HENRY FULLER 902-G COX ROAD GASTONIA 28052 U OF NC	GS/CDS AC 66 66 75 704 864-7821
LEONE, CHERYL LEVINE 1740 MONTCLAIR AVENUE GASTONIA 28054 TULANE U	PTH AC 69 70 78 704 866-2851	PUSTROM, EINAR 239 WILMONT ROAD GASTONIA 28054 BOWMAN GRAY	P/CHP AC 58 58 79 704 867-2338	THOMASON, HENRY CLAYTON, JR. 1021 X-RAY DR. GASTONIA 28054 U OF NC	CD/IM AC 67 67 74 704 867-2341
LEONE, PHILIP GEORGE 1740 MONTCLAIR AVENUE GASTONIA 28054 TULANE U	PTH AC 68 68 78 704 866-2851	RANKIN, RICHARD EUGENE RANKIN CLINIC MOUNT HOLLY 28120 U OF VIRGINIA	FP/GP AC 50 50 52 704 827-3031	TYNER, HUGH EDWARD 902-G COX ROAD GASTONIA 28054 BOWMAN GRAY	GS/TS AC 46 46 54 704 864-7821
LESTER, ROBERT HILTON 902 COX ROAD, SUITE F GASTONIA 28054 U OF NC	OBG AC 75 76 80 704 867-6386	RICE, EDMOND LEE UNITED CHRISTIAN HOSPITAL LAHORE, WEST PAKISTAN 00000 EMORY U	GS H 31 32 43 704 861-0515	VARGAS, CARLOS ABRAHAM P. O. BOX 1495 GASTONIA 28052 U OF BOLIVIA	DR AC 63 75 76 704 864-4378
LUVIS, L.D.A. CLAUDIUS 1119 CHURCHILL DRIVE GASTONIA 28052 U OF CEYLON	IM AC 71 71 83 704 867-1306	RINEHART, DAVID APGAR 9 FOREST HILL ROAD BELMONT 28012 U OF VIRGINIA	FP AC 82 82 86 704 825-5333	VOCI, VINCENT EUGENE 902 COX RD., STE. B GASTONIA 28054 U OF LOUISVILLE	PS/HS AC 74 75 85 704 867-5852
		ROBERTS, RICHARD SCOTT 1050 X-RAY DRIVE, SUITE A GASTONIA 28054 COLUMBIA U	AI/PD AC 78 80 83 704 861-0515	WAGGONER, LONNIE AUSTINE, JR. 2522 SHEFFIELD DR. GASTONIA 28054 DUKE	IM RT 48 53 54 704 865-5486

36. GASTON COMPONENT SOCIETY (Continued)

WALLACE, ROBERT BRUCE	EM AC	WHITESIDES, EDWARD STEELE	ORS AC	WILLIS, H.S.K., JR.	FP /AM AC
3101 ANDOVER CIRCLE	76 77 80	902 COX ROAD, SUITE D	51 52 57	125 W. CENTRAL AVE.	52 52 76
GASTONIA 28054		GASTONIA 28054		MOUNT HOLLY 28120	
DALHOUSIE U	704 867-2580	DUKE	704 864-6723	DUKE	704 827-5876
WARLICK, JOHN THOMAS, III	U AC	WILL, THOMAS AUGUSTINE	GP AC	WINGFIELD, THOMAS WHETSELL	AN AC
631 COX ROAD	66 66 72	P. O. BOX 515	48 49 53	629 TORRENCE DRIVE	65 73 77
GASTONIA 28052		DALLAS 28034		GASTONIA 28052	
MED U OF SC	704 864-7764	BOWMAN GRAY	704 922-3106	U OF MARYLAND	704 864-2499
WEATHERS, BAILEY GRAHAM, JR.	FP AC	WILLIAMS, ERNEST COUNCIL	GS /TS RT	WITTENBERG, PETER HERBERT	PTH AC
222 S. MAIN STREET	60 61 61	3618 CLUB COLONY DR., W.	51 56 56	GASTON MEM. HOSP.	64 65 78
STANLEY 28164		GASTONIA 28054		PO BOX 1747	
MED COLL OF VA	704 263-8945	TULANE U	704 864-1417	GASTONIA 28053	
WEEKS, JOHN WESLEY	OBG AC	WILLIAMS, WARREN HERBERT	P AC	U OF COLORADO	704 866-2851
902 COX ROAD	65 65 85	431 S. YORK ST.	80 86 86	YARBOROUGH, JESSE GRAHAM, JR.	AN AC
GASTONIA 28054		GASTONIA 28052		RT. 1, BOX 125	78 78 85
DUKE	704 867-6386	GUADALAJARA U	704 788-8400	CATAWBA COVE RD.	
WHITE, GROVER WATTS	U AC			BELMONT 28012	
631 COX ROAD	56 64 64			U OF NC	
GASTONIA 28054					
U OF ALABAMA	704 864-7764				

39. GRANVILLE COMPONENT SOCIETY

OFFICERS—**President:** John W. Watson, M.D., 104 New College St., Oxford 27565 (919 693-8126)**Secretary:** Steve D. Ertischek, M.D., 1032 College St., Oxford 27565 (919 693-6541)

ALKHALDI, AOUS SALIM	R AC	GOUBRAN, MICHEL	OBG /END AC	REEDER, PAUL ARLINGTON	GS AC
104 TRANQUIL CIRCLE	71 77 78	104 BELLE ST.	62 63 77	1026 COLLEGE STREET	61 61 80
OXFORD 27565		OXFORD 27565		OXFORD 27565	
DAMASCUS U	919 693-5115	EIN SHAMS U	919 693-2131	U OF MARYLAND	919 693-7066
ANDERSON, JOHN B., JR.	FP AC	HAMPTON, JAMES WELDON	OBG AC	SIMONSON, DELLA SUE	PD /PH AC
1018 COLLEGE STREET	80 81 84	1016 COLLEGE ST. EXT.	81 81 87	MURDOCH CENTER	55 55 59
OXFORD 27565		OXFORD 27565		BUTNER 27509	
U OF CINCINNATI	919 693-3972	U OF TX-HOUSTON	919 693-1082	U OF ARKANSAS	919 575-7740
BARKER, CAROLYN E. CULBRETH	P AC	JUER, ROBERT CRAIG	FP AC	STEAD, EUGENE ANSON, JR.	IM /CD L
1028 COLLEGE STREET	58 58 64	TELECOM DR.	79 83 86	ROUTE #1, BOX 194	32 47 47
OXFORD 27565		CREEDMOOR 27522		BULLOCK 27507	
U OF NC	919 693-3003	U OF TENNESSEE	919 528-1535	EMORY U	919 684-6587
COLSON, JOSEPH SAMPSON	FP RT	MAHAN, DENNIS MICHAEL	FP AC	TARRY, WILLIAM BURWELL, JR.	FP AC
P. O. BOX 429	51 51 65	1012 COLLEGE ST.	77 79 82	104 NEW COLLEGE STREET	53 54 54
OXFORD 27565		OXFORD 27565		OXFORD 27565	
HOWARD U	919 693-2697	U OF MONTERREY	919 693-7108	MED COLL OF VA	919 693-8126
DANIEL, LOUIE SAMUEL	FP L/RT	MANGUM, RICHARD ARNOLD	FP AC	TAYLOR, RICHARD LEWIS	FP AC
124 PINE CONE DRIVE	40 40 46	PO BOX 706	64 64 66	1018 COLLEGE STREET	62 62 66
OXFORD 27565		CREEDMOOR 27522		OXFORD 27565	
U OF MARYLAND	919 693-6735	U OF NC	919 528-0707	U OF NC	919 693-3972
ELLIOTT, JAMES FRANCIS, SR.	P AC	MASSAQUOI, ALFRED DADEE LAMIN	OBG AC	WATSON, JOHN WILLIAM	FP AC
ROUTE #2, BOX 405	54 54 57	1030 COLLEGE ST.	79 80 85	104 NEW COLLEGE STREET	53 55 55
CREEDMOOR 27522		P. O. BOX 1513		OXFORD 27565	
DUKE	919 528-2433	OXFORD 27565		MED COLL OF VA	919 693-8126
ERTISCHEK, STEPHEN DAVID	IM AC	HOWARD U	919 693-4212	WHITENER, BETTY LOU	FP AC
1032 COLLEGE STREET	74 77 78	NOEL, RICHARD DAVID	GS AC	P. O. BOX 220	59 60 77
OXFORD 27565		1026 COLLEGE STREET	49 56 56	OAK RIDGE, LA 71264	
U OF BOLOGNA	919 693-6541	OXFORD 27565	919 693-7066	U OF OKLAHOMA	318 647-3720
		MED COLL OF GA			

40. HIGH POINT MEDICAL SOCIETY

OFFICERS—**President:** Michael B. Hussey, M.D., P.O. Box 5388, High Point 27262 (919 889-3242)**Secretary:** R. Wade Markham, M.D., 624 Quaker Ln., 302-B, High Point 27262 (919 887-3195)**Executive Director:** Mr. James H. Busick, 612 Pasteur Dr., Ste. 404, Greensboro 27403 (919 854-1563)

ADERHOLDT, MARCUS LAFAYETTE	PD L	AVERETT, LELAND STANLEY, JR.	FP AC	BIESECKER, GARY LEROY	GS AC
624 QUAKER LANE, SUITE 100-A	43 43 49	700 N. ELM STREET	54 54 55	624 QUAKER LN., STE. C-101	68 68 77
HIGH POINT 27262		HIGH POINT 27262		HIGH POINT 27262	
U OF MARYLAND	919 882-4187	U OF NC	919 882-1324	U OF NEBRASKA	919 883-1348
AKERS, RICHARD ELBERT	U AC	BARDELAS, JOSE ANTONIO, JR.	A /PD AC	BLACK, KYLE E., JR.	ORS AC
624 QUAKER LANE	59 59 70	100 WESTWOOD AVE.	73 75 77	624 QUAKER LANE, STE. D-209	78 78 86
HIGH POINT 27262		HIGH POINT 27262		HIGH POINT 27262	
U OF TENNESSEE	919 886-5151	JOHNS HOPKINS	919 883-1393	BOWMAN GRAY	919 841-6262
ARNOLD, GORDON BRUCE	IM AC	BENNETT, HERRON KENT	OBG AC	BLAYLOCK, RUSSELL LANE	NS AC
624 QUAKER LANE, STE. 213-B	62 62 72	P. O. BOX 5128	52 52 54	P. O. BOX 5388	71 71 78
HIGH POINT 27262		HIGH POINT 27262		HIGH POINT 27262	
NORTHWESTERN U	919 883-4132	BOWMAN GRAY	919 887-3011	LA STATE U	919 889-4810
ARTHUR, ROBERT KEY	OBG AC	BENSON, JOHN FISHER	RHU /IM AC	BRIGMAN, PAUL HAMER	EM AC
P. O. BOX 5128	51 57 57	318 WESTWOOD AVENUE	47 55 55	2807 EARLHAM PLACE	54 54 55
HIGH POINT 27262		HIGH POINT 27262		HIGH POINT 27263	
U OF MARYLAND	919 887-3011	U OF MARYLAND	919 882-2515	U OF NC	919 431-3875
AUMAN, EDWIN LEWIS	IM AC	BICKLEY, SAMUEL TAYLOR	FP AC	BROOKS, RALPH ELBERT, JR.	U AC
624 QUAKER LANE, SUITE 210-A	55 55 61	P. O. BOX 5168	61 61 63	624 QUAKER LANE, SUITE D-100	55 55 62
HIGH POINT 27262		HIGH POINT 27262		HIGH POINT 27262	
BOWMAN GRAY	919 841-8822	BOWMAN GRAY	919 885-2118	U OF NC	919 886-5151

40. HIGH POINT MEDICAL SOCIETY (Continued)

BURAPAVONG, THAVIJ DAVID 416 GATEWOOD AVENUE HIGH POINT 27260 CHIENGMAI U	PS /GS AC 69 74 77 919 882-2531	FARRINGTON, JOHN KIRBY 307 N. LINDSAY ST. HIGH POINT 27262 U OF NC	OBG AC 57 57 65 919 885-0149	HOFFMAN, CARL MAURICE 307 N. LINDSAY STREET HIGH POINT 27262 U OF MIAMI	OBG AC 67 68 76 919 885-0149
BUSBY, JULIAN GOODE, JR. 307 N. LINDSAY ST. HIGH POINT 27260 U OF NC	OBG AC 70 75 77 919 885-0149	FINCHER, ROBERT CHARLES, JR. 107 SPENCER STREET HIGH POINT 27260 MED U OF SC	P /PH L/RT 44 48 55 919 889-5511	HOWELL, HARRY SLADE, JR. 624 QUAKER LANE, SUITE 116-B HIGH POINT 27262 BOWMAN GRAY	GS /CDS AC 68 68 76 919 886-4552
CANIPE, TOMMIE LEE P. O. BOX 5229 HIGH POINT 27262 BOWMAN GRAY	GS /TS AC 59 59 67 919 887-3164	FITZPATRICK, HUGH, III 117 S. MAIN ST. ASHEBORO 27203 MED COLL OF VA	EM AC 50 51 52 919 454-1166	HUNT, WILLIAM JACK 720 FERNDAL BLVD. HIGH POINT 27260 U OF MARYLAND	IM L 43 43 49 919 882-9814
CARR, RAYMOND EDWARD 624 QUAKER LN., STE. C-101 HIGH POINT 27262 ALBANY MED COLL	GS /TS AC 62 73 75 919 883-1348	FLYTHER, WILLIAM HENRY 1131 GATEHOUSE ROAD HIGH POINT 27260 VANDERBILT U	IM L 33 33 37 919 882-8933	HUSSEY, MICHAEL BRUSH P. O. BOX 5388 HIGH POINT 27262 U OF VIRGINIA	NS AC 61 61 71 919 889-3242
CHALFA, NICOLAI P. O. BOX 1864 HIGH POINT 27261 U OF FLORIDA	AN AC 76 77 84 919 882-2567	FORD, C. STEPHEN 105 BRANTLEY CIRCLE HIGH POINT 27262 MED U OF SC	N AC 79 83 87 919 841-4233	INGRAM, CHARLES HAL 229 CASCADE DR. HIGH POINT 27260 U OF MARYLAND	GS L/RT 43 43 49 919 886-4552
CHILES, NOAH HAMPTON 501 WESTWOOD AVENUE HIGH POINT 27262 U OF LOUISVILLE	IM AC 44 48 56 919 882-3911	FORTNEY, AUSTIN POWELL P. O. BOX 579 JAMESTOWN 27282 EMORY U	IM AC 46 51 52 919 454-3151	JARRETT, THOMAS EDWARD 624 QUAKER LANE, #205A HIGH POINT 27262 MED U OF SC	IM AC 78 78 83 919 885-2111
CHUNG, ZUN SUB 2926 S. MAIN STREET HIGH POINT 27263 KOREA U	FP /EM AC 65 75 76 919 434-3118	FRANK, JEFFREY H. 1414 LYNDRHURST DR. HIGH POINT 27260 U OF KENTUCKY	N AC 81 83 87 919 889-8877	JENNINGS, ROYAL GREEN 624 QUAKER LANE, SUITE 302-B HIGH POINT 27262 BOWMAN GRAY	D AC 45 46 54 919 887-3195
CLOUTIER, MICHAEL 1005 SHAMROCK RD. HIGH POINT 27260 U OF LOUISVILLE	R AC 73 74 85 919 887-1926	FULTON, JAMES WALKER 400 N. ELM ST. HIGH POINT 27260 DUKE	OBG AC 57 57 63 919 889-4353	JOHNSON, JAMES ALFRED 606 N. ELM ST. HIGH POINT 27262 DUKE	NS AC 58 58 67 919 889-8877
COUGHLIN, PAUL WM. FITZHENRY 624 QUAKER LANE, D-100 HIGH POINT 27262 U OF NC	U AC 78 80 85 919 886-5151	GALLEMORE, WARREN GHOLSON P. O. BOX 5904 HIGH POINT 27262 MED COLL OF GA	IM AC 75 76 79 919 889-1191	JOYCE, GEORGE WILLIAM 624 QUAKER LANE, SUITE 213-B HIGH POINT 27262 BOWMAN GRAY	IM /NEP AC 60 60 68 919 883-4131
COX, RONNIE LEWIS 624 QUAKER LANE HIGH POINT 27262 DUKE	/CD AC 61 61 70 919 885-2111	GATLIN, KEITH A., JR. 624 QUAKER LN., STE. 103-C HIGH POINT 27262 MED U OF SC	CD AC 79 80 86 919 885-6168	KEEVER, RICHARD ALAN 624 QUAKER LN., STE. 301-D HIGH POINT 27262 U OF NC	OTO AC 69 69 77 919 883-1366
CRAWFORD, ROBERT CECIL, JR. P. O. BOX 5543 HIGH POINT 27262 DUKE	OBG AC 65 65 74 919 889-5422	GEDDIE, KENNETH BAXTER PO BOX 2007 HIGH POINT 27261 JEFFERSON	PD L/RT 21 21 23 919 882-4171	LAUER, THOMAS EUGENE 624 QUAKER LN., STE. A-111 HIGH POINT 27262 U OF NC	P AC 77 79 81 919 889-4122
CROOM, ARTHUR BASCOM 1311 ROBIN HOOD RD. HIGH POINT 27260 MED COLL OF VA	R L/RT 40 46 46 919 882-6057	GENIEC, PAUL P. O. BOX 5666 HIGH POINT 27262 U OF UTAH	OTO /PS AC 64 64 70 919 885-0071	LEWIS, CLIFFORD WHITFIELD 322 WOODROW AVENUE HIGH POINT 27262 MED COLL OF VA	OBG /OBS L 30 30 31 919 882-2830
CROSS, ALMON RUFUS 414 HILLCREST DRIVE HIGH POINT 27262 DUKE	OBG L/RT 38 47 47 919 884-1236	GILL, KENNETH ARNOLD, JR. 624 QUAKER LN., STE. 302, BLDG B HIGH POINT 27262 MED COLL OF VA	D /DMP AC 58 58 69 919 887-3195	LYNCH, JOHN FRANKLIN, JR. 905 ARBORDALE DR. HIGH POINT 27260 JEFFERSON	PD L/RT 44 44 48 919 886-4049
CROSS, ROBERT VANDERVOORT P. O. BOX 5128 HIGH POINT 27262 U OF PITTSBURGH	GYN AC 47 53 53 919 887-3011	GRAEB, CHARLES M., JR. 2021 LA DORA DR. HIGH POINT 27260 MED COLL OF GA	EM AC 81 82 87 919 884-6009	MARKHAM, ROBERT WADE 624 QUAKER LANE, SUITE 302-B HIGH POINT 27262 DUKE	D AC 63 63 71 919 887-3195
CROWELL, CHARLES CARLOS, III 624 QUAKER LN., STE. 103-C HIGH POINT 27262 BOWMAN GRAY	CD /IM AC 72 72 77 919 885-6168	GRAY, CYRUS LEIGHTON P. O. BOX 5007 HIGH POINT 27262 DUKE	R L 37 37 40 919 887-1955	MARLOWE, JAMES MANNING 624 QUAKER LANE, SUITE D-200 HIGH POINT 27262 U OF NC	ORS AC 60 60 68 919 841-6262
CULLOM, JOSEPH WILLIAM 624 QUAKER LN., STE. 200-C PO BOX 5229 HIGH POINT 27262 MED U OF SC	GS AC 73 73 84 919 887-3164	GREENE, ELEANOR ELAINE W. 701 SHAMROCK RD. HIGH POINT 27260 U OF NC	OBG AC 81 86 87 919 885-0149	MARTIN, WELLS, III HIGH POINT MEM. HOSP., -RAD. HIGH POINT 27260 U OF CINCINNATI	OR AC 76 79 83 919 887-2551
DONALD, WILLIAM BLANTON, JR. 624 QUAKER LANE, SUITE 202-C HIGH POINT 27262 BOWMAN GRAY	OPH AC 52 52 56 919 884-2242	HARRELL, WADE WHITLEY 319 WESTWOOD AVENUE HIGH POINT 27262 U OF NC	OPH AC 59 59 64 919 883-7867	MCFALLS, VERNON WENDELL 624 QUAKER LANE, SUITE 100-A HIGH POINT 27262 U OF NC	PD AC 58 58 61 919 882-4187
DOUGLASS, DONALD PERRY 401 WESTWOOD AVENUE HIGH POINT 27262 BOWMAN GRAY	GS /TS AC 53 53 61 919 887-3164	HARRISS, WILLIAM FRED P. O. BOX 5007 HIGH POINT 27262 BOWMAN GRAY	R AC 66 66 74 919 884-6037	MICHAL, WILLIAM NORWOOD, JR. 624 QUAKER LANE, SUITE 200-A HIGH POINT 27262 U OF NC	PD AC 60 60 67 919 884-5888
ERDIN, ROBERT ALEXANDER, JR. 624 QUAKER LN., STE. 103-C HIGH POINT 27262 MED COLL OF GA	CD /IM AC 73 75 78 919 885-6168	HAWORTH, CHESTER CARL, JR. 624 QUAKER LANE, SUITE 211-B HIGH POINT 27262 DUKE	N /IM AC 63 63 71 919 889-1496	MILLER, IRA BEN 110 CHURCH STREET HIGH POINT 27260 BOWMAN GRAY	IM AC 46 46 51 919 889-8877
ERRICO, JAMES MELTON 100 WESTWOOD AVENUE HIGH POINT 27262 JOHNS HOPKINS	OPH AC 64 64 72 919 889-2323	HIGGINS, LLOYD MALCOLM 221 HILLCREST DRIVE HIGH POINT 27262 LA STATE U	PTH AC 55 55 72 919 883-7047	NEAVE, VICTORIA C.D. 606 N. ELM ST. HIGH POINT 27262 MED COLL OF VA	NS AC 80 81 87 919 889-8877
FARABOW, WILLIAM SIDNEY 400 N. ELM ST. HIGH POINT 27260 EMORY U	OBG AC 63 63 71 919 889-4353	HILL, EDWARD GRAY, JR. 606 N. ELM ST. HIGH POINT 27262 BOWMAN GRAY	N /EM AC 80 81 80 919 889-8877	NEWELL, ROBERT B. EMERALD ISLE, RT. 1, BOX 949-E MOREHEAD CITY 28557 ST U OF NY-BUFF	GS /EM L/RT 36 36 57 919 354-3152

40. HIGH POINT MEDICAL SOCIETY (Continued)

NOAH, HUGH BRYAN 624 QUAKER LANE, SUITE D-200 HIGH POINT 27262 BOWMAN GRAY	ORS /HS AC 66 66 76 919 841-6262	ROWE, CHARLES EUGENE, JR. 624 QUAKER LANE, SUITE D-100 HIGH POINT 27262 U OF VIRGINIA	U AC 65 65 72 919 886-5151	TYSON, WOODROW WILSON 1114 FERNDAL DRIVE HIGH POINT 27260 MED COLL OF VA	IM /CD L 35 35 38 919 882-6130
PARKS, WILLIAM CRAIG 624 QUAKER LANE, SUITE 207-A HIGH POINT 27262 MED U OF SC	IM L 38 38 40 919 841-4233	SHULL, KENNETH CASTLES P. O. BOX 5229 HIGH POINT 27262 MED U OF SC	GS /CDS AC 73 74 79 919 887-3164	UHLIN, STEPHEN RICHARD 624 QUAKER LANE, 302-B HIGH POINT 27262 OHIO STATE U	D /IM AC 70 70 78 919 885-8333
PICKLESIMER, FRED LEON 624 QUAKER LN. STE. 301-D HIGH POINT 27262 BOWMAN GRAY	OTO AC 66 66 75 919 883-1366	SLATE, MARVIN LONGWORTH 807 PARKWOOD CIRCLE HIGH POINT 27260 U OF MARYLAND	FP L/RT 31 31 34 919 883-9756	VELAT, CLARENCE ANTHONY 406 CASCADE CT. HIGH POINT 27260 ST LOUIS U	PTH /CLP AC 46 62 63 919 884-6065
PLOWDEN, JAMES FRANCIS P. O. BOX 5904 HIGH POINT 27262 MED U OF SC	ON /HEM AC 73 73 79 919 841-2114	SMITH, LAFAYETTE LYLE 624 QUAKER LANE, SUITE 213-B HIGH POINT 27262 MED U OF SC	IM AC 72 73 77 919 883-4131	WARBURTON, KEELING ALFRED P. O. BOX 5128 HIGH POINT 27262 U OF MICHIGAN	OBG AC 63 63 70 919 887-3011
POLLOCK, NELSON EARL P. O. BOX 5904 HIGH POINT 27262 MED COLL OF GA	IM AC 75 77 79 919 841-2114	STONE, GRADY MITCHELL 624 QUAKER LANE HIGH POINT 27262 U OF NC	IM AC 75 77 80 919 883-4131	WARBURTON, MARK JOSEPH 624 QUAKER LANE, SUITE D-200 HIGH POINT 27262 BOWMAN GRAY	ORS AC 76 76 82 919 885-5095
ROBERSON, VIRGIL ODELL, III 502 LINDSAY ST. PO BOX 2324 HIGH POINT 27261 U OF NC	AN AC 71 71 77 919 882-2567	TERRELL, SARA ELDORA HAWORTH 624 QUAKER LN. STE. 207-C HIGH POINT 27262 DUKE	IM AC 53 53 57 919 841-4233	WELLER, EDWARD BROOKS 624-D 200 QUAKER LANE HIGH POINT 27262 U OF LOUISVILLE	ORS AC 79 84 85 919 885-5095
ROBINSON, JAMES THOMAS, JR. 1124 E. LEXINGTON AVENUE HIGH POINT 27262 MED COLL OF VA	FP AC 55 57 58 919 882-1606	TERRELL, THOMAS EUGENE 624 QUAKER LN., STE. 207-C HIGH POINT 27262 DUKE	IM AC 53 53 57 919 841-4233	WIDNER, LARRY ALLEN 1310 KENSINGTON DR. HIGH POINT 27260 U OF VIRGINIA	R AC 73 73 85 919 887-1926
ROSS, DAVID B. 624 QUAKER LN. STE. D-200 HIGH POINT 27262 VANDERBILT U	ORS AC 80 81 86 919 841-6262	TESTER, RICHARD DEAN P. O. BOX 5007 HIGH POINT 27262 MED COLL OF VA	R /NM AC 58 61 64 919 883-6716	ZARITZKY, DAVID RON P. O. BOX 6146 HIGH POINT 27262 U OF FLORIDA	R AC 74 75 84 919 887-2551
ROSTAND, ROBERT ALTON 624 QUAKER LANE, STE. B211 HIGH POINT 27262 TUFTS U	IM /PUD AC 72 74 78 919 889-1496				

41. GREENSBORO SOCIETY OF MEDICINE

OFFICERS—President: John A. Lusk, III, M.D., 1007 Professional Village, Greensboro 27401 (919 272-2141)
Secretary: William H. Gamble, M.D., 920 Cherry St., Greensboro 27401 (919 273-7900)
Executive Director: Mr. James H. Busick, 612 Pasteur Dr., Ste. 404, Greensboro 27403 (919 854-1563)

ABRAHAMS, STUART JOEL 200 E. NORTHWOOD ST., STE. 216 GREENSBORO 27401 U OF MARYLAND	GYN AC 57 64 65 919 275-5391	ARRINGTON, JOHN HODGE, III 1608 VALLEYMEDE GREENSBORO 27410 TULANE U	PTH /DMP AC 67 67 78 919 379-4073	BAXLEY, MARY JOHN 1008 PROFESSIONAL VILLAGE GREENSBORO 27401 U OF NC	IM /PD AC 82 83 87 919 299-0000
ABRAMS, MURRAY STANLEY 311 W. WENDOVER AVE. GREENSBORO 27408 TEMPLE U	GS AC 65 66 72 919 275-8415	BADAWI, RAOUF FAHMY 522 N. ELAM AVE., STE. 203 GREENSBORO 27403 CAIRO U	P AC 63 73 81 919 854-2391	BEAVERS, CHARLES LEE 100 MEADOWBROOK TERRACE GREENSBORO 27408 U OF PENN	AN L/RT 38 38 46 919 273-1066
ACKERMAN, JAYNE A. GOVE HEALTH CENTER UNCG, GRAY DR. GREENSBORO 27412 U OF VERMONT	IM /ADL AC 76 77 79 919 334-5340	BAIRD, HAYNES WALLACE 1200 N. ELM STREET GREENSBORO 27401 U OF NC	PTH /CLP AC 69 69 74 919 379-4074	BEAVERS, JAMES WALLACE 2206 W. MARKET ST. GREENSBORO 27403 U OF PENN	GP L/RT 30 30 35 919 272-3487
ADELMAN, JAMES U. 1910 N. CHURCH STREET GREENSBORO 27405 NORTHWESTERN U	N AC 67 68 74 919 273-2511	BALLEN, PATRICK LASELVE 721 GREEN VALLEY RD. GREENSBORO 27408 CORNELL U	GS AC 75 76 82 919 378-1583	BENBOW, EDWARD PERRY, JR. PO BOX 339 ORIENTAL 28571 DUKE	PD L 40 43 49 919 299-7057
ALLGOOD, JOHN WILLIAM, JR. 1503 PEBBLE DR. GREENSBORO 27410 EMORY U	IM L/RT 38 46 46 919 292-2196	BARBEE, LEWIS ELISHA 4928 SYLVANGLADE ROAD MCLEANSVILLE 27301 HOWARD U	GP AC 63 64 79 919 375-3434	BERRY, FRANCIS XAVIER 1208 COLONIAL AVE. GREENSBORO 27408 GEORGETOWN U	OBG L/RT 42 53 53 919 272-2155
ALTHEIMER, MICHAEL D. 1022 PROFESSIONAL VILL. GREENSBORO 27401 U OF IOWA	END /IM AC 81 82 86 919 378-1074	†BAREFOOT, SHERWOOD W. 3107 MADISON AVE. DECEASED - 4-20-87 GREENSBORO 27403 DUKE	D L 38 46 47 919 299-8629	BERTLING, MARION HENRY 2312 PRINCESS ANN STREET GREENSBORO 27408 CASE WESTERN RES	GYN L/RT 35 35 48 919 288-6344
AMES, RICHARD HAIGHT 2316 PRINCESS ANN ST. GREENSBORO 27408 DUKE	NS L/RT 41 48 49 919 288-0421	BARKER, JULIAN 408 PARKWAY GREENSBORO 27401 ST U OF NY-BUFF	GYN AC 57 60 60 919 378-1110	BERTRAND, MARGARET LINS 2214 PINECREST GREENSBORO 27403 BAYLOR	DR AC 74 74 78 919 379-0941
APLINGTON, JAMES PAGE 315 W. WENDOVER AVENUE GREENSBORO 27408 JOHNS HOPKINS	ORS AC 66 66 76 919 275-0724	BARKLEY, KARL LEE 1305 W. WENDOVER AVENUE GREENSBORO 27408 U OF NC	OBG AC 62 62 67 919 273-2835	BERTRAND, SCOTT ALAN PO BOX 10373 GREENSBORO 27404 BAYLOR	AN AC 73 74 77 919 373-0372
ARKIN, ROY MARC 721 GREEN VALLEY RD. GREENSBORO 27408 NEW YORK MED COL	GS AC 69 74 77 919 275-2889	BARRY, PAUL DOUGLAS #2 WALDRON COURT GREENSBORO 27408 U OF NC	DR /NM AC 76 76 81 919 288-9346	BEST, DAVID CHARLES 600 PASTEUR DR. GREENSBORO 27403 BOWMAN GRAY	PS /HS AC 77 80 83 919 852-0300

41. GREENSBORO SOCIETY OF MEDICINE (Continued)

BEST, JAMES ERNEST 600 PASTEUR DRIVE GREENSBORO 27403 BOWMAN GRAY	PD /ADL L/RT 45 45 48 919 299-8046	BRODIE, BRUCE ROGERS 721 GREEN VALLEY RD. GREENSBORO 27408 WASHINGTON U	CD /IM AC 70 73 79 919 378-0774	CHRISTIAN, BERNIE JOSEPH 948 WALKER AVENUE GREENSBORO 27403 BOWMAN GRAY	GP /OM AC 51 51 52 919 275-7665
BIRD, IGNACIO 207 HOMEWOOD AVENUE GREENSBORO 27403 YALE	R L/RT 30 30 47 919 299-8319	BROOKS, JAMES TAYLOR 1100 N. ELM STREET GREENSBORO 27401 U OF PENN	IM AC 43 43 48 919 273-8658	CLARK, PRESTON SAMUEL MERRITT MEDICAL PLAZA 1511 WESTOVER TERR., STE. 101 GREENSBORO 27408 NEW YORK U	END /IM AC 73 74 80 919 373-0311
BLAND, VEITA JOYCE 1021 E. WENDOVER AVE. STE. 202 MEDICAL ARTS BLDG. GREENSBORO 27405 TEMPLE U	FP AC 78 78 86 919 373-1557	BROOKS, JEAN BAILEY 1100 N. ELM STREET GREENSBORO 27401 BOWMAN GRAY	GYN AC 44 44 48 919 273-8658	CLONINGER, KENNETH LEE, JR. 200 E. NORTHWOOD ST., STE. 504 GREENSBORO 27401 U OF MARYLAND	NS AC 61 61 69 919 272-4578
BLIEVERNIGHT, STEPHEN WALDO 1014 PROFESSIONAL VILLAGE GREENSBORO 27401 EMORY U	GS AC 69 71 83 919 373-1078	BROWN, FRANK REID 1103 COUNTRY CLUB DRIVE GREENSBORO 27408 VANDERBILT U	IM L/RT 38 46 46 919 272-5048	CLUTTS, GEORGE ROBERT 344 N. ELM STREET GREENSBORO 27401 NORTHWESTERN U	GS /TS AC 48 48 48 919 275-9554
BLOMGREN, PETER FREDERICK 317 W. WENDOVER AVE. GREENSBORO 27408 INDIANA U	FP AC 74 74 85 919 373-1794	BROWN, JAY HOWARD JOEL MAINE COAST MEM. HOSPITAL ELLSWORTH, ME 04605 BOSTON U	AN AC 67 70 75	COGGESHALL, ALLAN BANCROFT 109 BEVERLY PLACE GREENSBORO 27403 RUSH MED COLL	GS L/RT 40 49 50 919 299-7190
BLOMQUIST, GUSTAV ARTHUR, JR. 721 GREEN VALLEY RD., STE. 303 GREENSBORO 27408 VANDERBILT U	PS AC 73 74 82 919 275-1111	BROWN, ROBERT CALVIN 801 GREEN VALLEY RD. GREENSBORO 27408 U OF NC	CLP /PTH AC 59 59 70 919 378-2809	CONELLY, DONALD FRANK 1604 ST. ANDREWS ROAD GREENSBORO 27408 JOHNS HOPKINS	TR /DR AC 59 61 66 919 379-4143
BODNER, WILLIAM RAYMOND, JR. 606 WALTER REED DR. GREENSBORO 27403 ST LOUIS U	P AC 63 72 73 919 299-0107	BRUCE, JAMES CRAWFORD 1036 PROFESSIONAL VILLAGE GREENSBORO 27401 GEO WASHINGTON U	IM /CD AC 51 55 56 919 378-9180	CONNELLY, JERRY HUBBARD 212-C W. WENDOVER AVE. GREENSBORO 27401 INDIANA U	GP /GPM AC 63 64 84 919 275-3828
BOER, HENRY R. 3036 LAKE FOREST DR. GREENSBORO 27408 U OF OTTAWA	NPM /PD AC 68 71 84 919 282-2360	BRUMBACK, GEORGE FRANKLIN 1105 MONTPELIER GREENSBORO 27401 U OF TENNESSEE	OPH AC 59 64 68 919 274-4626	COOPER, ARMAH JAMALE 604-B PASTEUR DR. GREENSBORO 27403 MEHARRY MED COLL	P AC 81 82 85 919 855-7231
BOETTE, RICHARD WALTERS 515 COLLEGE RD. STE. #11 GREENSBORO 27410 MED U OF SC	PD AC 66 66 84 919 852-9630	BRYAN, EDWIN LANCASTER 200 E. NORTHWOOD STREET GREENSBORO 27401 U OF PENN	IM /CD AC 61 61 68 919 274-7609	COURTS, ANDREW JOHNSON 1024 PROFESSIONAL VILLAGE GREENSBORO 27401 U OF NC	CHP /P AC 58 58 66 919 272-4262
BONNER, MERLE DUMONT MEADOWBROOK TERRACE 1915 BOULEVARD ST. GREENSBORO 27407 U OF MARYLAND	PUD /A L/RT 30 31 34 919 854-0947	BUIE, RODERICK MARK, JR. 101-F N. PARK DR. GREENSBORO 27401 BOWMAN GRAY	IM /CD L/RT 44 44 50 919 373-8245	CREWS, DAVID ALLEN 3106 MADISON AVE. GREENSBORO 27403 U OF NC	AN AC 81 82 86 919 299-6343
BOTERO, ERNESTO MIGUEL 200 E. NORTHWOOD ST. STE. 504 GREENSBORO 27401 U OF CARTAGENA	NS AC 73 73 85 919 272-4578	BUMGARDNER, JOHN REED 221 MISTLETOE DR. GREENSBORO 27403 MED COLL OF VA	CD /CD L/RT 39 39 40 919 373-1123	CROSS, ALRED CHARLES, JR. AT&T TECHNOLOGIES, INC. P. O. BOX 25000 GREENSBORO 27420 U OF ARKANSAS	OM /GP AC 53 53 74 919 279-7108
BOWMAN, WILLIAM EDMUND, JR. PO BOX 10037 1317 N. ELM ST. GREENSBORO 27404 U OF NC	GS /CDS AC 74 79 82 919 275-9554	BURKHART, VERNON ANDERSON 2700 W. MARKET ST. GREENSBORO 27403 U OF TENNESSEE	OM /IM AC 50 51 76 919 379-6961	CROSSLEY, JAMES JOHN 100 E. NORTHWOOD ST. GREENSBORO 27401 CORNELL U	OTO /A AC 67 69 76 919 274-5441
BRACKBILL, THOMAS ANDREW 1011 PROFESSIONAL VILLAGE GREENSBORO 27401 COLUMBIA U	CD /CD AC 68 69 75 919 272-6133	BURNEY, DONALD PATRICK 1317 N. ELM ST., STE. 1 GREENSBORO 27401 WASHINGTON U	CDS /TS AC 70 70 80 919 373-8245	DAVIS, PHILIP BIBB 1125 GATEHOUSE RD. HIGH POINT 27260 JEFFERSON	GS L 26 26 29 305 276-6779
BRADLEY, HAROLD JOHN, JR. 721 GREEN VALLEY RD. GREENSBORO 27408 U OF NC	U AC 57 57 64 919 378-9176	CABLE, THOMAS ALLEN 206 FISHER PARK CIRCLE GREENSBORO 27401 U OF FLORIDA	FP AC 76 79 82 919 379-4132	DAVIS, ROBERT NICHOLAS 600 WALTER REED DRIVE GREENSBORO 27403 DUKE	D AC 62 62 68 919 294-6555
BRADLEY, HAROLD JOHN, SR. 721 GREEN VALLEY RD. GREENSBORO 27408 U OF IOWA	U L 32 32 36 919 274-7624	CAMPANO, MANUEL OSWALDO P. O. BOX X-3 GREENSBORO 27402 U OF HABANA	PTH AC 51 63 64 919 854-6462	DAVIS, TIMOTHY EUGENE 1317 N. ELM ST., STE. #5 GREENSBORO 27401 U OF ARKANSAS	GS /CRS AC 71 71 78 919 273-8691
BRANTLEY, JULIAN THWEATT 721 GREEN VALLEY RD. GREENSBORO 27408 HARVARD	OBG AC 44 44 49 919 273-4325	CARANDANG, NAPOLEON VELUZ AT&T TECHNOLOGIES, INC. P. O. BOX 25000 GREENSBORO 27420 U OF PHILIPPINES	IM /OM AC 62 70 78 919 279-3627	DEATON, PHILIP CARL 200 E. NORTHWOOD ST. STE. 204 GREENSBORO 27401 U OF NC	NS AC 66 66 76 919 379-0077
BRATTON, TERESA SUE 1021 E. WENDOVER, STE. 302 GREENSBORO 27405 VANDERBILT U	PDA /A AC 74 76 82 919 275-1318	CARDWELL, WILLARD 2312 LAFAYETTE GREENSBORO 27408 MED COLL OF VA	IM /CD L/RT 32 36 37 919 288-4740	DEBECK, THOMAS WADE 1018 N. ELM ST. GREENSBORO 27401 U OF MARYLAND	AC 64 64 87 919 272-8488
BRETT, CHARLES BURDEN 1307 W. WENDOVER AVENUE GREENSBORO 27408 U OF NC	PD AC 71 71 80 919 272-5189	CARTER, PHILIPS JOHN 315 W. WENDOVER AVENUE GREENSBORO 27408 TULANE U	DRS AC 62 62 72 919 275-0724	DETERDING, JAMES LEROY 208 W. WENDOVER AVENUE GREENSBORO 27401 U OF NEBRASKA	NEP /IM AC 79 79 84 919 379-9708
BREWER, JAMES CHESTER, JR. P. O. BOX 8248 GREENSBORO 27419 DUKE	FP AC 59 59 61 919 852-7618	CASSIANO, COLEY JAMES 1016-A PROFESSIONAL VILLAGE GREENSBORO 27401 ST U OF NY-BUFF	FP AC 75 76 87 919 379-1156	DICKSTEIN, SHERRY ANNE 1305 W. WENDOVER AVE. GREENSBORO 27408 U OF VERMONT	OBG AC 78 82 85 919 275-5391
BREWINGTON, THOMAS ELMER, JR. P. O. BOX 20346 GREENSBORO 27420 MEHARRY MED COLL	OPH AC 69 70 77 919 272-5628	CHARLTON, JOHN DAVID 1301 W. WENDOVER AVENUE GREENSBORO 27408 U OF W ONTARIO	A L 42 53 55 919 275-0441	DIGBY, DONALD JOE 3312 BATTLEGROUND AVE. GREENSBORO 27410 MED COLL OF GA	OPH AC 76 78 85 919 282-5000
		CHASE, ROBERT EUGENE 1816 PEMBROKE RD., STE. #2 GREENSBORO 27408 M C OF WISCONSIN	AN AC 67 71 76 919 272-3720		

41. GREENSBORO SOCIETY OF MEDICINE (Continued)

DILWORTH, JOHN HERBERT 1505 WESTOVER TERR. GREENSBORO 27408 U OF VIRGINIA	ORS /HS AC 58 58 70 919 275-0927	FRASER, HUGH ERSKINE, JR. 1030 PROFESSIONAL VILLAGE GREENSBORO 27401 MED COLL OF VA	D AC 56 62 62 919 373-1383	HAMBRIGHT, RUFUS ROBERTS 1309 N. ELM STREET GREENSBORO 27401 DUKE	GYN AC 50 58 58 919 273-2563
DIXON, SEWELL HINTON, JR. 1317 N. ELM ST., STE. 1 GREENSBORO 27401 EMORY U	CDS /TS AC 64 64 73 919 373-8245	FREDERICK, CHARLES E. 612 WAYCROSS DR. GREENSBORO 27410 U OF IOWA	AN AC 81 82 87 919 299-6343	HARKINS, PAUL DUANE 1505 WESTOVER TERR. GREENSBORO 27408 U OF PITTSBURGH	ORS /HS AC 62 63 74 919 275-0927
DOOLITTLE, ROBERT PRINCE UNC-G STUDENT HEALTH CENTER GREENSBORO 27412 U OF ALABAMA	ADL /IM AC 74 75 82 919 334-5340	GAMBLE, WILLIAM HEDRICK 920 CHERRY ST. GREENSBORO 27401 U OF NC	CD /IM AC 76 77 85 919 273-7900	HARRILL, HENRY CLAY 224 N. ELM ST. GREENSBORO 27401 JOHNS HOPKINS	U /BLB L/RT 33 33 40 919 273-6294
DOYLE, OWEN WILLIAM 1013 PROFESSIONAL VILLAGE GREENSBORO 27401 YALE	DR AC 47 54 55 919 275-6481	GARBER, RONALD LEWIS 208 W. WENDOVER AVENUE GREENSBORO 27401 MED U OF SC	NEP /IM AC 67 67 75 919 379-9708	HARRIS, CARLTON MCKENZIE 1026 PROFESSIONAL VILLAGE GREENSBORO 27401 BOWMAN GRAY	IM AC 47 48 54 919 272-7108
DREILING, DALE T. 522 N. ELAM AVENUE GREENSBORO 27403 MED COLL OF VA	FP AC 79 80 83 919 852-3800	GARRARD, ROBERT LEMLEY 1000 RIDGECREST DR. GREENSBORO 27410 HARVARD	P /N L/RT 32 40 41 919 292-0175	HARSHAW, CHARLES WILLIAM, JR. P. O. BOX 20928 GREENSBORO 27420 U OF NC	CD /IM AC 71 73 78 919 275-8581
DUNCAN, DALE LEMOIN 604 WALTER REED DR. GREENSBORO 27403 MED U OF SC	R /ON AC 79 82 86 919 294-2670	GARRETT, NORMAN HESSON, JR. 1038 PROFESSIONAL VILLAGE GREENSBORO 27401 DUKE	IM /END AC 50 52 54 919 378-9131	HASSELL, CHARLES M., JR. 1200 N. ELM STREET GREENSBORO 27401 U OF PENN	PTH /DMP AC 58 58 64 919 379-4074
DUNN, RICHARD BERRY P. O. BOX 190 CLIMAX 27233 MCGILL U	GYN L 33 36 37 919 674-9745	GARVEY, ALFRED HAMILTON 200 E. NORTHWOOD ST., STE. 302 GREENSBORO 27401 BOWMAN GRAY	U AC 54 54 61 919 275-6115	HATCHER, MARTIN ARMSTEAD 1305 W. WENDOVER AVENUE GREENSBORO 27408 DUKE	N AC 62 62 68 919 275-0779
DYE, DAVID GODDARD 530 N. ELAM AVE. GREENSBORO 27403 MED COLL OF GA	ORS AC 68 68 85 919 292-8824	GAY, ROBERT MILTON 1200 N. ELM STREET GREENSBORO 27401 TULANE U	PTH /CLP AC 63 63 72 919 379-4074	HAYES, DONALD MICHAEL 3330 W. FRIENDLY AVE. GREENSBORO 27410 BOWMAN GRAY	OM /IM AC 54 54 80 919 379-4610
EDWARDS, JAMES L., JR. 1100 OLIVE STREET GREENSBORO 27401 MED U OF SC	IM /GE AC 81 82 86 919 378-9906	GEGICK, CHARLES GEORGE 1022 PROFESSIONAL VILLAGE GREENSBORO 27401 LOYOLA U	END /IM AC 69 70 76 919 378-1143	HAYGOOD, VANESSA PEARLINE 914 MONTICELLO ST. GREENSBORO 27410 HARVARD	OBG AC 78 81 82 919 292-7010
EPES, CHARLES RICHARD 3312 BATTLEGROUND AVE. GREENSBORO 27410 U OF VIRGINIA	OPH AC 68 68 75 919 282-5000	GILMORE, BROOKS WEBSTER 342 N. ELM STREET GREENSBORO 27401 U OF PENN	IM AC 56 56 61 919 274-6373	HELLER, JOEL HARVEY 603 DOLLY MADISON GREENSBORO 27410 GEO WASHINGTON U	FP AC 73 74 81 919 294-6190
EPPLE, KENNETH HALL 2311 LAFAYETTE AVE. GREENSBORO 27408 U OF VIRGINIA	P RT 52 52 60 919 288-6215	GIOFFRE, RONALD ANTHONY 315 W. WENDOVER AVENUE GREENSBORO 27408 M C OF WISCONSIN	ORS AC 65 79 80 919 275-0724	HENDERSON, ANITA 104 E. NORTHWOOD ST. GREENSBORO 27401 U OF VERMONT	FP AC 78 81 82 919 275-6445
FARLEY, ROBERT HUGH 311 W. WENDOVER AVE. GREENSBORO 27408 ST LOUIS U	GS AC 56 64 65 919 275-8415	GOTTSEGEN, DANIEL LEO 200 E. NORTHWOOD ST., STE. 216 GREENSBORO 27401 TUFTS U	OBG AC 69 70 79 919 275-5391	HENLEY, THOMAS FRANKLIN 1309 N. ELM STREET GREENSBORO 27401 DUKE	OBG AC 68 68 76 919 273-2563
FIELDS, KARL BERTRAND 1411 GARLAND DR. GREENSBORO 27408 U OF KENTUCKY	FP AC 76 77 86 919 379-4133	GREEN, ARTHUR GERRISH, III 1511 WESTOVER TERRACE GREENSBORO 27408 TULANE U	IM /FP AC 73 74 74 919 373-1184	HENSCHEN, GARY MAYES 606 WALTER REED DR. GREENSBORO 27403 U OF NC	P /PYA AC 75 75 73 919 299-0108
FISCHER, GARY JAY P. O. BOX 13005 GREENSBORO 27405 U OF MISSOURI	DR AC 72 72 78 919 379-4140	GREEN, EDWIN JAY 1317 N. ELM ST. STE. #2 GREENSBORO 27401 U OF TENNESSEE	IM AC 74 75 79 919 373-1676	HENSEL, WILLIAM ARTHUR 1125 N. CHURCH ST. GREENSBORO 27401 OHIO STATE U	FP AC 78 78 84 919 379-4035
FISHER, OTIS NORWOOD P. O. BOX 13005 GREENSBORO 27405 U OF NC	R AC 59 59 69 919 379-4360	GRIER, RAYMOND EDWARD 4406 WILD OAK LN. GREENSBORO 27406 YALE	AN AC 76 78 85 919 275-9741	HENSON, JOSEPH BASCOM, JR. 1107 W. FRIENDLY AVENUE GREENSBORO 27401 TEMPLE U	IM L/RT 45 46 51 919 274-1567
FOLLO, PAIGE BILL 1209 MAGNOLIA STREET GREENSBORO 27401 HARVARD	PD AC 47 54 54 919 273-2879	GROAT, RICHARD ARNOLD 1321 N. ELM STREET GREENSBORO 27401 BOWMAN GRAY	PTH AC 52 52 55 919 274-9005	HERRING, WILLIAM BENJAMIN 1200 N. ELM ST. GREENSBORO 27401 BOWMAN GRAY	IM /HEM AC 53 53 60 919 379-4062
FORE, STEVEN RONALD 200 E. NORTHWOOD ST. STE. 216 GREENSBORO 27401 BOWMAN GRAY	OBG AC 68 68 79 919 275-5391	GROAT, ROBERT LANIER 1317 N. ELM ST., STE. #4 GREENSBORO 27401 HARVARD	OPH AC 70 74 75 919 378-1442	HERTLE, XAVER FRANZ 106 E. NORTHWOOD STREET GREENSBORO 27401 LUDWIG MAXIMILLI	P AC 50 58 60 919 275-1614
FOREMAN, ROBERT HUGH 4104 REDWINE DRIVE GREENSBORO 27410 U OF CINCINNATI	FP AC 73 74 81 919 294-6190	GROVE, DAVID DWIGHT 1511 WESTOVER TERRACE GREENSBORO 27408 U OF CHICAGO	IM AC 70 80 86 919 373-1184	HICKLING, WILLIAM HENRY 1305 W. WENDOVER AVE. GREENSBORO 27408 CORNELL U	CHN /N AC 78 81 85 919 275-0779
FORREST, WILLIAM WOMBLE WESLEY LONG HOSPITAL P. O. DRAWER X-3 GREENSBORO 27402 HARVARD	PTH AC 48 48 57 919 299-6815	GUEST, CHRIS WARREN 102 POMONA DRIVE GREENSBORO 27407 U OF OKLAHOMA	IM /GP AC 74 75 78 919 299-0000	HOLDERNESS, HOWARD, JR. 200 E. NORTHWOOD ST., STE. 400 GREENSBORO 27401 U OF NC	PS /GS AC 65 65 81 919 275-0919
FORTUNE, BENJAMIN FLETCHER 906 W. CORNWALLIS DRIVE GREENSBORO 27408 JEFFERSON	AN L/RT 41 41 47 919 272-7755	HALE, WAYNE A. 1125 N. CHURCH ST. GREENSBORO 27401 U OF PITTSBURGH	FP AC 74 75 87 919 379-3582	HOLLANDER, EDWARD MARSHALL 522 N. ELAM AVE. GREENSBORO 27403 U OF WISCONSIN	OPH AC 62 62 71 919 854-0393
FOX, RICHARD FRANKLIN 208 W. WENDOVER AVE. GREENSBORO 27401 U OF NC	NEP /IM AC 75 76 84 919 379-9708	HALL, JOHN HOWLAND 1100 OLIVE STREET GREENSBORO 27401 DUKE	D AC 64 64 69 919 272-3152	HOPPER, WILLIAM FALCON 721 GREEN VALLEY RD. GREENSBORO 27408 WEST VA U	PUD /IM AC 72 72 77 919 378-0774

41. GREENSBORO SOCIETY OF MEDICINE (Continued)

HOUSTON, FRANK MATT 1030 PROFESSIONAL VILLAGE GREENSBORO 27401 LA STATE U	D AC 64 69 71 919 373-1383	KRAUS, ERIC MARSHALL 321 W. WENDOVER AVENUE GREENSBORO 27408 U OF PITTSBURGH	OTO /HNS AC 77 77 84 919 379-9445	LEONARD, DONALD DEAN 1200 N. ELM STREET GREENSBORO 27401 CASE WESTERN RES	PTH AC 56 63 63 919 379-4074
HUNT, LOUIS DAVID 200 E. NORTHWOOD STREET GREENSBORO 27401 YALE	U AC 61 63 67 919 275-6115	KREGE, JOHN WILSON 1505 WESTOVER TERR. GREENSBORO 27408 EMORY U	ORS AC 66 66 77 919 275-0927	LEONE, MICHAEL RALPH 1317 N. ELM ST., STE. 5 PO BOX 10037 GREENSBORO 27404 JEFFERSON	GS AC 67 68 74 919 274-8444
IMBUS, HAROLD ROGER 4605-E DUNDAS DRIVE GREENSBORO 27407 U OF CINCINNATI	OM AC 54 54 70 919 845-2303	KRINER, ARTHUR FREDERICK P. O. BOX 13005 GREENSBORO 27405 HAHNEMANN	DR AC 69 70 79 919 379-4141	LEPORE, RALPH 4801 FOREST OAKS DR. GREENSBORO 27406 NEW YORK MED COL	GP AC 63 66 86 919 674-7117
INABNET, WILLIAM BARLOW 100 E. NORTHWOOD STREET GREENSBORO 27401 LA STATE U	OTO /PSF AC 58 64 64 919 275-0507	KURTZMAN, HOWARD MARC 604 GREEN VALLEY RD., STE. 412 GREENSBORO 27408 MED U OF SC	CHP /P 78 82 00 919 855-0113	LEVITIN, PETER MARK 1904 N. CHURCH STREET GREENSBORO 27405 U OF PENN	IM /RHU AC 69 70 76 919 274-3241
INGRAM, HAYWOOD MELTON 1317 N. ELM ST. STE. #5 P. O. BOX 10037 GREENSBORO 27404 BOWMAN GRAY	GS AC 78 80 85 919 274-8444	KUZMA, GARY ROBERT 409 E. PARKWAY DR. GREENSBORO 27401 SYRACUSE	HS /ORS AC 75 75 82 919 378-0811	LHOTSKY-BRODIE, DORA 721 GREEN VALLEY RD. GREENSBORO 27408 DUKE	GE /IM AC 75 75 85 919 378-0774
INGRAM, ROBERT GREGORY 1100 OLIVE STREET GREENSBORO 27401 U OF VIRGINIA	IM AC 81 81 85 919 378-9906	KWIATKOWSKI, PETER FRANK 408-B PARKWAY DR. GREENSBORO 27401 MED COLL OF GA	IM AC 76 76 83 919 275-9804	LINDER, DONALD EARLE 5500 OLD BRANDT TRACE RD. GREENSBORO 27410 BOWMAN GRAY	AN AC 74 74 77 919 288-6565
JACKLIN, HAROLD NORMAN 1014 N. ELM STREET GREENSBORO 27401 SYRACUSE	OPH AC 60 68 68 919 274-2149	LALONDE, JOHN CHARLES 104 E. NORTHWOOD ST. GREENSBORO 27401 OHIO STATE U	FP AC 75 75 80 919 275-6445	LITTLE, ALFRED BOYD 1016 N. ELM ST. GREENSBORO 27401 U OF NC	CD /IM AC 78 79 84 919 272-6153
JACKSON, FREEMAN RANDOLPH 107 ELMWOOD TERR. GREENSBORO 27408 MED COLL OF GA	R AC 77 78 83 919 299-6815	LANE, TIMOTHY WALTER 1200 N. ELM ST. GREENSBORO 27401 CORNELL U	ID /IM AC 71 78 85 919 379-4062	LITTLE, EDGAR WATSON 1307 W. WENDOVER AVE. GREENSBORO 27408 U OF NC	PD AC 71 71 77 919 275-8621
JAROSAK, PETER JAMES THE SAM RAVENEL CLINIC 1307 W. WENDOVER AVENUE GREENSBORO 27408 U OF MINN	PD AC 72 72 77 919 275-6335	LAROCHE, LAURENT P. 3303 HENDERSON ROAD GREENSBORO 27410 MED U OF SC	OM /GPM AC 51 51 79 919 852-3770	LOCKWOOD, MARILYN ANN UNC-G STUDENT HEALTH CENTER GREENSBORO 27412 ST U OF NY-BUFF	PD /ADL AC 64 64 78 919 379-5340
JOHNSON, HARRY WALLACE 104 W. NORTHWOOD STREET GREENSBORO 27401 DUKE	GYN AC 55 55 63 919 378-1843	LASHLEY, CURTIS RAY JEFFERSON-PILOT LIFE INS.CO. PO BOX 21008 GREENSBORO 27420 U OF NC	OM AC 59 59 60 919 378-2193	LOMAX, CHARLES WESTON 522 N. ELAM AVE. GREENSBORO 27403 BOWMAN GRAY	OBG AC 68 69 77 919 273-0936
JONES, NORMAN NESBETH P. O. BOX 21886 GREENSBORO 27420 HOWARD U	GP /GE AC 47 49 76 919 274-0097	LAVENDER, DICK REDMOND 201 E. WENDOVER AVENUE GREENSBORO 27401 BOWMAN GRAY	ORS AC 61 61 78 919 275-6318	LONDON, HOWARD B. 721 GREEN VALLEY RD. GREENSBORO 27408 CHICAGO MED SCH	OPH AC 68 73 84 919 378-1632
JOYNER, SAMUEL BALFOUR 200 E. NORTHWOOD STREET GREENSBORO 27401 U OF NC	IM AC 55 65 65 919 274-7609	LAWRENCE, ROBERT L. 321 W. WENDOVER AVENUE GREENSBORO 27408 VANDERBILT U	OTO /HNS AC 63 63 73 919 379-9445	LONG, PAUL DEMARS 1505 WESTOVER TERR. GREENSBORO 27408 U OF MICHIGAN	ORS AC 62 62 71 919 275-0927
KAPLAN, RICHARD DAVID 408 PARKWAY DR. GREENSBORO 27401 U OF PENN	OBG AC 75 76 80 919 378-1110	LAWSON, JAMES DOUGLAS 1317 N. ELM ST., STE. 1 GREENSBORO 27401 U OF TENNESSEE	CDS /GS AC 74 75 82 919 373-8245	LONON, ROBERT WARREN, JR. 5501 WESTFIELD DR. GREENSBORO 27410 DUKE	AN AC 69 73 77 919 373-8555
KARB, KENNETH SAMUEL 1007 PROFESSIONAL VILLAGE GREENSBORO 27401 U OF VIRGINIA	ON /IM AC 72 72 79 919 272-2141	LEBAUER, EDMUND JOSEPH 721 GREEN VALLEY RD. GREENSBORO 27408 DUKE	CD AC 60 60 68 919 378-0774	LOVE, JAMES MCLEAN 2007 LAFAYETTE DRIVE GREENSBORO 27408 DUKE	N /IM AC 72 72 81 919 275-0779
KASIK, LEE 215 MANCHESTER PL. GREENSBORO 27410 U OF IOWA	AN AC 80 81 83 919 299-6343	LEBAUER, EUGENE SHANER 721 GREEN VALLEY RD. GREENSBORO 27408 DUKE	IM /A AC 65 65 81 919 378-0774	LUND, HERBERT ZACHAREUS 1200 N. ELM ST. GREENSBORO 27401 U OF PENN	PTH /D L 31 32 53 919 379-4074
KATZ, JEFFREY DAVID 721 GREEN VALLEY RD. GREENSBORO 27408 U OF PENN	CD /IM AC 76 77 83 919 378-0774	LEBAUER, MAURICE LEON 2023 ST. ANDREWS RD. GREENSBORO 27408 U OF VIRGINIA	GS L/RT 29 30 32 919 273-3258	LUPTON, CARROLL CRESCENT 3300 STARMOUNT DRIVE GREENSBORO 27403 TEMPLE U	CRS L/RT 32 32 34 919 299-9255
KIMBROUGH, HOUSTON MAGILL, JR. U 1025 PROFESSIONAL VILLAGE GREENSBORO 27401 U OF VIRGINIA	GS AC 72 72 78 919 272-3962	LEBAUER, SAMUEL M. 721 GREEN VALLEY RD. GREENSBORO 27408 U OF VIRGINIA	GE /IM AC 67 67 81 919 378-0774	LUPTON, EMMETT STEVENSON P. O. BOX 177 ALAMANCE 27201 NEW YORK U	D L/RT 38 38 40 919 228-1288
KISER, JEFFERSON B., JR. 1910 N. CHURCH ST. GREENSBORO 27405 MED COLL OF VA	N AC 71 72 77 919 273-2511	LEBAUER, SIDNEY FERRING 721 GREEN VALLEY RD. GREENSBORO 27408 U OF VIRGINIA	IM L 29 30 32 919 378-0774	LUSK, JOHN ALEXANDER, III 1007 PROFESSIONAL VILLAGE GREENSBORO 27401 U OF ALABAMA	ON /IM AC 51 58 59 919 272-2141
KITCHENS, THOMAS RUSSELL 1507 WESTOVER TERR., STE. A GREENSBORO 27408 MED COLL OF GA	PS AC 69 69 77 919 373-0566	LEE, J. GARY 321 W. WENDOVER AVENUE GREENSBORO 27408 U OF IOWA	OTO /HNS AC 67 68 76 919 379-9445	LYDAY, RUSSELL OSBORNE 1915 BOULEVARD ST. C/O MEADOWBROOK TERR. GREENSBORO 27407 U OF PENN	GS L/RT 20 20 27 919 854-2115
KOHUT, WALTER DENNIS 1511 WESTOVER TERRACE GREENSBORO 27408 U OF CINCINNATI	END /IM AC 73 82 84 919 373-1054	LEE, JAMES MOBLEY 1317 N. ELM ST., STE. 1 GREENSBORO 27401 DUKE	TS AC 58 58 65 919 373-8245	MABRY, EDWARD BLOXTON 1305 W. WENDOVER AVENUE GREENSBORO 27408 DUKE	OBG AC 53 57 60 919 274-6355
		LENNON, HERSHEL C. 911 SUNSET DR. GREENSBORO 27408 U OF PENN	PTH L/RT 31 31 41 919 272-5038		

41. GREENSBORO SOCIETY OF MEDICINE (Continued)

MANESS, ARCHIBALD KELLY, JR. 1305 W. WENDOVER AVENUE GREENSBORO 27408 U OF PENN	OBG AC 62 62 70 919 273-3624	MITCHELL, LEWIS DEAN 1016 PROFESSIONAL VILLAGE GREENSBORO 27401 U OF SOU FLORIDA	FP AC 82 84 87 919 379-1156	OSBORNE, JAMES C. 3017 ROBIN HOOD DR. GREENSBORO 27408 U OF NC	IM AC 83 84 86 919 274-3241
MARKS, EDGAR SEYMOUR 1100 OLIVE STREET GREENSBORO 27401 BOWMAN GRAY	IM AC 45 48 48 919 378-9906	MOORE, JOHN ANDREW 1511 WESTOVER TERRACE GREENSBORO 27408 MED COLL OF VA	IM /RHU AC 48 54 55 919 373-0951	OWENS, BERNARD JAMES, III 1017 PROFESSIONAL VILLAGE GREENSBORO 27401 DOWNSTATE ME CTR	CDS /GS AC 72 73 84 919 274-2933
MARSHALL, BERNARD ANTHONY P. O. BOX 21922 GREENSBORO 27406 HOWARD U	OBG AC 72 73 81	MOORE, WILLIAM LOCKE 616 PASTEUR DRIVE GREENSBORO 27403 HARVARD	PD AC 52 52 56 919 292-1353	PANOSH, WANDA KOTVAN ANNA GOVE HEALTH CENTER UNC AT GREENSBORO GREENSBORO 27412 U OF PITTSBURGH	PD /IM AC 78 82 84 919 379-5340
MARSICANO, THOMAS H. 1317 N. ELM ST., STE. 1 GREENSBORO 27401 OHIO STATE U	CDS AC 73 73 86 919 373-8245	MORCOS, VICTOR HANNA 522 N. ELAM AVE., STE. 203 GREENSBORO 27403 EIN SHAMS U	P AC 64 73 81 919 854-2391	PARKER, HERMAN RICHARD, JR. 408-B PARKWAY DRIVE GREENSBORO 27401 U OF NC	IM AC 67 67 73 919 275-9804
MARTIN, MATTHEW BRUNSON 311 W. WENDOVER AVE. GREENSBORO 27408 U OF TEXAS-SW	GS AC 79 79 79 919 275-8415	MORRELL, ROBERT X., JR. MOSES CONE HOSPITAL 1200 N. ELM ST. GREENSBORO 27401 U OF LOUISVILLE	PM AC 83 84 86 919 379-3667	PARKER, MICHAEL DEAN 3404 WYNNEWOOD DRIVE GREENSBORO 27408 DUKE	R AC 68 69 83 919 288-2324
MATTHEWS, JOHN DAIL 3312 BATTLEGROUND AVE. GREENSBORO 27410 MED U OF SC	OPH AC 79 80 85	MORRIS, MARSHALL G., JR. #6 ASHTON SQUARE GREENSBORO 27408 BOWMAN GRAY	GS /TS AC 46 46 52 919 274-8444	PATSEAVOURAS, LOUIE LEE 522 N. ELAM AVENUE GREENSBORO 27403 U OF NC	PSF AC 61 61 67 919 299-4907
MAULTSBY, JAMES ALEXANDER 200 E. NORTHWOOD ST., STE. 410 GREENSBORO 27401 BOWMAN GRAY	ORS /PM AC 57 57 69 919 373-0312	MORTENSON, RODNEY ALLEN 2017 ST. ANDREWS ROAD GREENSBORO 27408 U OF SOU CALIF	ORS /HS AC 67 67 74 919 275-6318	PATTERSON, DAVID READ 721 GREEN VALLEY RD. GREENSBORO 27408 U OF NC	GE /IM AC 73 73 79 919 378-0774
MAXWELL, JAMES HEATH 2313 PRINCESS ANN ST. GREENSBORO 27408 U OF KENTUCKY	DR AC 78 79 83 919 299-6815	MURINSON, DONALD S. 1511 WESTOVER TERRACE GREENSBORO 27408 U OF VERMONT	ON /HEM AC 72 72 86 919 373-0611	PAUL, VINCENT EDGAR 530 N. ELAM AVENUE GREENSBORO 27403 U OF NC	ORS AC 76 76 82 919 292-8824
MAYER, NORMAN MICHAEL P. O. BOX 29066 GREENSBORO 27408 BOWMAN GRAY	EM AC 75 75 82 919 379-4040	MURPHY, DANIEL F. 530 N. ELAM AVE. PO BOX 29523 GREENSBORO 27403 TEMPLE U	ORS AC 81 82 86 919 292-8824	PELLIGRA, SALVATORE JOHN 1200 N. ELM ST. GREENSBORO 27401 ALBANY MED COLL	PM AC 81 83 85 919 379-3667
MAYNARD, DAVID RUSSELL 213 MISTLETOE DR. GREENSBORO 27403 DUKE	AN AC 65 65 73 919 855-0767	MURRAY, WILLIAM GRAY 1808 CARLISLE ROAD GREENSBORO 27408 DUKE	IM L/RT 44 47 48 919 274-5155	PENDSE, PRABHAKAR D. 1018 PROFESSIONAL VILLAGE GREENSBORO 27401 U OF BOMBAY	PDS /GS AC 59 60 72 919 272-6161
MCALISTER, JEAN COLVIN 925 NEW GARDEN RD.APT.121 GREENSBORO 27410 U OF PENN	PD L/RT 33 36 37 919 855-8489	NADEL, SCOTT MARTIN 721 GREEN VALLEY RD. GREENSBORO 27408 U OF MIAMI	IM /PUD AC 75 76 82 919 378-0774	PETERSON, LLOYD JOHN 200 E. NORTHWOOD ST., STE. 302 GREENSBORO 27401 NORTHWESTERN U	U AC 69 73 79 919 275-6115
MCCOMB, JOHN SANFORD 522 N. ELAM AVE. GREENSBORO 27403 BOWMAN GRAY	OBG AC 80 83 85 919 273-0936	NEAL, WILLIAM RONALD 1507 WESTOVER TERR. GREENSBORO 27408 U OF NC	OBG AC 74 74 81 919 273-3661	PHILLIPS, ROBERT LEWIS 200 NORTHWOOD ST., STE. 206 GREENSBORO 27401 JEFFERSON	NS AC 52 54 60 919 274-4666
MC GEE, JULIAN MURRILL 1101 N ELM ST., APT. 508 GREENSBORO 27401 U OF PENN	GP L/RT 25 27 28 919 272-0787	NEIJSTROM, ERIC SHERWOOD 1007 PROFESSIONAL VILLAGE GREENSBORO 27401 U OF VIRGINIA	ON /IM AC 76 78 82 919 272-2141	PIERSON, GEORGE HERMAN, JR P. O. BOX 13005 GREENSBORO 27405 DUKE	R /TR AC 54 54 73 919 379-4140
MCKEOWN, WILLIAM DAVID 1100 OLIVE STREET GREENSBORO 27401 BOWMAN GRAY	IM /GER AC 76 76 76 919 378-9906	NESI, MARC HENRY 1100 OLIVE ST. GREENSBORO 27401 U OF HAITI	U AC 71 76 85 919 373-0871	POOLE, GORDON JOSEPH 1200 N. ELM ST. MOSES H. CONE HOSPITAL GREENSBORO 27401 BOWMAN GRAY	DR AC 64 64 74 919 379-4140
MCPHAIL, SCHUBERT DEAN 1517 N. CHURCH ST. GREENSBORO 27408 MED U OF SC	OBG AC 63 63 75 919 379-8460	NEWELL, MCARTHUR 1710 E. BESSEMER AVE. PO BOX 21503 GREENSBORO 27420 U OF NC	OBG AC 73 74 82 919 274-1558	PREFONTAINE, J. EDOUARD 830 SOUTHEASTERN BLDG. GREENSBORO 27401 LAVAL U	OPH L/RT 27 31 34 919 272-3523
MCRAE, MARVIN EVERETT 1009 COUNTRY CLUB DR. GREENSBORO 27408 MED COLL OF VA	D L/RT 38 49 49	NEWMAN, DAVID HAROLD 200 E. NORTHWOOD ST., STE.304 GREENSBORO 27401 BOWMAN GRAY	GS AC 80 81 86 919 378-9811	PRESSON, THOMAS LEMUEL 315 W. WENDOVER AVENUE GREENSBORO 27408 U OF NC	ORS AC 65 65 74 919 275-0724
MCRAE, WILLIAM KENNETH UNC-G STUDENT HEALTH CENTER GREENSBORO 27412 BOWMAN GRAY	GP AC 64 64 68 919 334-5340	NOLAN, CLYDE, JR. 1100 OLIVE STREET GREENSBORO 27401 U OF NC	D AC 74 75 80 919 379-1193	PRICE, THOMAS BAKER 200 E. NORTHWOOD ST., STE. 304 GREENSBORO 27401 DUKE	GS AC 64 64 71 919 378-9811
MEDOFF, JEFFREY ROY 721 GREEN VALLEY RD. GREENSBORO 27408 NEW YORK MED COL	GE AC 77 77 85 919 378-0774	NOWLAN, FAGG BERNARD 4308 KIMMIDGE ROAD GREENSBORO 27406 BOWMAN GRAY	FP RT 46 46 49 919 674-5100	RABOLD, LEONARD JAMES 209 HOMEWOOD AVENUE GREENSBORO 27403 VANDERBILT U	IM L/RT 41 48 49 919 379-4025
MEZER, HOWARD CABITT 1305 W. WENDOVER AVENUE GREENSBORO 27408 TUFTS U	OBG /END AC 77 78 84 919 273-2835	OLIN, DAVID BAKER 208 W. WENDOVER AVENUE GREENSBORO 27401 OHIO STATE U	NEP /IM AC 68 68 77 919 379-9708	RAVENEL, SAMUEL DUBOSE 1200 N. ELM STREET GREENSBORO 27401 DUKE	PD AC 64 64 71 919 379-3900
MILLER, STEPHEN MAURICE 603 DOLLY MADISON GREENSBORO 27410 U OF NC	FP /EM AC 74 76 78 919 852-7530	OLSON, BEVERLY 1919-A BOULEVARD ST. GREENSBORO 27407 U OF BOLOGNA	IM /EM AC 71 73 78 919 854-8900	RAY, WALTER CARROLL 522 N. ELAM AVE. GREENSBORO 27403 U OF ALABAMA	GYN AC 61 62 67 919 299-3101
MILLS, WARDELL HARDEE 1202 COUNTRY CLUB DRIVE GREENSBORO 27408 DUKE	OPH L/RT 40 40 48 919 274-3391				

41. GREENSBORO SOCIETY OF MEDICINE (Continued)

REGISTER, JOHN FRANCIS 310 ROCKFORD ROAD GREENSBORO 27401 MED U OF SC	ORS L 31 31 37	SCOTT, CORIDALIA WALD 2803 LAKE FOREST DR. GREENSBORO 27408 U OF PANAMA	PTH AC 70 77 83	SPARROW, HARRY WARD 342 N. ELM STREET GREENSBORO 27401 NORTHWESTERN U	IM AC 44 44 47
REID, WILLIAM JOSEPH 2301 DANBURY ROAD GREENSBORO 27408 NEW YORK MED COL	FP L 48 49 51	SCOTT, JOHN LAYNE 2803 LAKE FOREST DR. GREENSBORO 27408 BOWMAN GRAY	DR /NM AC 67 67 74	SPRULL, JEROME OSCAR PO BOX 21974 GREENSBORO 27420 MEHARRY MED COLL	CD AC 79 79 87
RENDALL, JOHN LLOYD, III 108 KEMP ROAD, EAST GREENSBORO 27410 DUKE	ORS AC 73 78 80	SETHI, SHASHI K. 111 W. WENDOVER AVE. GREENSBORO 27401 MAULANA AZAD	OPH AC 66 67 86	STAFFORD, WILLIE RANSOME, JR. 948 WALKER AVENUE GREENSBORO 27403 U OF NC	FP /OM AC 56 56 60
RHOADS, EDWARD JOHN 606 WALTER REED DR. GREENSBORO 27403 DUKE	P /PYA AC 75 78 83	SEVIER, ROBERT ENGLISH 200 E. NORTHWOOD ST., STE. 312 GREENSBORO 27401 U OF NC	END /IM AC 66 66 75	STARR, HENRY FRANK, JR. 3106 ALAMANCE RD. GREENSBORO 27407 JEFFERSON	OM AC 48 48 51
TRICHMAN, SAMUEL 342 N. ELM STREET DECEASED - 6-5-87 GREENSBORO 27401 U OF MINN	DR L 27 54 55	SHAFFER, DONALD THORNTON 5 MONMOUTH COURT GREENSBORO 27410 BOWMAN GRAY	AN AC 74 75 77	STEUTERMAN, MARY CHRISTINE 1200 N. ELM ST. GREENSBORO 27401 ST LOUIS U	PTH AC 78 79 85
ROBINSON, STEPHEN CARY 200 E. NORTHWOOD, SUITE 504 GREENSBORO 27401 DUKE	NS AC 67 67 75	SHAPIRO, MARK THOMAS 1311 N. ELM ST. GREENSBORO 27401 OHIO STATE U	OPH AC 70 70 85	STEVENS, ELLIOTT WALKER, JR. 1018 N. ELM STREET GREENSBORO 27401 U OF NC	PUD /AI AC 66 66 73
ROGERS, CHARLES STEWART 1200 N. ELM STREET GREENSBORO 27401 U OF NC	IM AC 73 73 85	SHARPLESS, EDWARD ARTHUR DRAWER X-3 GREENSBORO 27402 U OF NC	PTH AC 61 61 67	STEVENS, JOSEPH BLACKBURN 102 IRVING PARK CT. GREENSBORO 27408 DUKE	IM /N L 36 40 40
ROGERS, SEYMOUR SHULMAN 1503 ALLENDALE ROAD GREENSBORO 27408 NEW YORK U	GS L/RT 36 36 49	SHARPLESS, MARTHA KORNEGAY MOSES CONE HOSPITAL GREENSBORO 27401 U OF NC	PD AC 59 59 69	STIEFFEL, JOSEPH WALTER 1910 N. CHURCH ST. GREENSBORO 27405 U OF TENNESSEE	N AC 58 60 66
ROLLINS, HAL JUDD, JR. 348 N. ELM STREET GREENSBORO 27401 DUKE	OPH AC 58 58 65	SHELBURNE, PALMER FRIEND 1011 PROFESSIONAL VILLAGE GREENSBORO 27401 U OF NC	CD AC 55 55 62	STINSON, HELEN MARIE 1219 MAGNOLIA STREET GREENSBORO 27401 U OF TENNESSEE	PS AC 66 66 79
ROSEN, RICHARD JAMES 1032 PROFESSIONAL VILLAGE GREENSBORO 27401 GEO WASHINGTON U	IM /HEM AC 55 65 78	SHEPHERD, ROBERT EDWARD P. O. BOX 13005 GREENSBORO 27405 BOWMAN GRAY	DR AC 79 80 78	STRECK, CHRISTIAN JOHN 311 W. WENDOVER AVE. GREENSBORO 27408 U OF FLORIDA	GS AC 71 76 79
ROSENBERG, STANLEY JOSEPH PO BOX 10373 GREENSBORO 27404 U OF MICHIGAN	AN AC 68 69 78	SILBER, DAVID LAWRENCE 1200 N. ELM STREET GREENSBORO 27401 VANDERBILT U	PD AC 57 57 83	STUCKEY, THOMAS DAVID 1101 BEARHOLLOW RD. GREENSBORO 27410 OHIO STATE U.	IM AC 79 81 87
ROSS, ALLAN 408 PARKWAY GREENSBORO 27401 U OF PENN	OBG AC 75 79 79	SILLMON, DAVID WILDE 1511 WESTOVER TERRACE GREENSBORO 27408 U OF NC	IM /HEM AC 63 63 71	SUE, SAMUEL ARTHUR, JR. 315 W. WENDOVER AVENUE GREENSBORO 27408 BOWMAN GRAY	ORS AC 56 56 64
ROWE, WILLIAM THOMAS 1511 WESTOVER TERRACE GREENSBORO 27408 U OF NC	RHU /IM AC 69 69 83	SIMEL, PAUL JOSEPH 111 W. WENDOVER AVENUE GREENSBORO 27401 BOSTON U	OPH AC 55 61 81	SULLIVAN, DANIEL JAMES 1601 PEBBLE DR. GREENSBORO 27410 DOWNSTATE ME CTR	IM /OM AC 43 44 75
RUSKIN, JEROME 1904 N. CHURCH STREET GREENSBORO 27405 ALBERT EINSTEIN	CD AC 60 60 70	SINGER, JAMES WILLARD 1209 MAGNOLIA STREET GREENSBORO 27401 OHIO STATE U	PD AC 61 66 67	SULLIVAN, RAYMOND C., JR. 1511 WESTOVER TERRACE GREENSBORO 27408 U OF FLORIDA	IM /AM AC 69 69 74
RUSSELL, EUGENE FAIRCHILD, III 1309 N. ELM STREET GREENSBORO 27401 U OF VIRGINIA	OBG AC 65 65 75	SLOTNICK, LAWRENCE SHELDON 1018 N. ELM STREET GREENSBORO 27401 DOWNSTATE ME CTR	PUD /A AC 70 72 78	SURAL, RONALD FRANK 1006 PROFESSIONAL VILLAGE GREENSBORO 27401 U OF MICHIGAN	U AC 67 68 75
SARDI, CARL ANTHONY 7100 BETHLEHEM CHURCH RD. CLIMAX 27233 TEMPLE U	OTO /A L 52 56 56	SMITH, DALLAS AARON, JR. 4507 KENBRIDGE DRIVE GREENSBORO 27410 BOWMAN GRAY	DR AC 76 76 83	SYPPER, ROBERT V., JR. 409-E PARKWAY DR. GREENSBORO 27401 SYRACUSE	HS /ORS AC 77 78 85
SAWYER, JOHN WILSON 609 WALTER REED DRIVE GREENSBORO 27403 CASE WESTERN RES	IM AC 52 52 56	SMITH, DONALD DEWEY 1200 N. ELM ST. GREENSBORO 27401 DUKE	PD AC 60 61 67	TAYLOR, SHAHANE RICHARDSON, JR 348 N. ELM STREET GREENSBORO 27401 U OF NC	OPH AC 59 59 63
SCHAAL, JENNIFER C. 1507 WESTOVER TERR., STE. C GREENSBORO 27408 U OF NC	OBG AC 82 84 87	SMITH, O. NORRIS 202 W. BESSEMER AVENUE GREENSBORO 27401 U OF PENN	IM L/RT 33 33 38	TENNANT, STANLEY NEAL 1011 PROFESSIONAL VILL. GREENSBORO 27401 BOWMAN GRAY	CD AC 78 80 84
SCHALL, STEWART ALLAN 1200 N. ELM ST. GREENSBORO 27401 U OF PENN	PDC /PD AC 64 72 86	SMITH, ROY MEADOWS 1002 RIDGECREST DR. GREENSBORO 27410 U OF PENN	PD L/RT 34 34 37	THACKER, ROBERT KELLER 603 DOLLEY MADISON GREENSBORO 27410 U OF FLORIDA	FP AC 73 74 81
SCHUSTER, STEPHEN BARBER 1816 PEMBROKE RD., STE. #2 GREENSBORO 27408 OHIO STATE U	AN AC 80 82 84	SMITH, WILLIAM SIEGFRIED, JR. 104 W. NORTHWOOD STREET GREENSBORO 27401 DUKE	GYN AC 61 61 68	TOWNSEND, MURPHY FURMAN, JR. 1007 PROFESSIONAL VILLAGE GREENSBORO 27401 BOWMAN GRAY	IM AC 61 62 65
SCHWEIZER, DONALD CONRAD 1517 N. CHURCH ST. GREENSBORO 27405 MED COLL OF VA	GYN AC 43 47 48	SPANGLER, ERNEST BURTON DRAWER X-3 GREENSBORO 27402 U OF PENN	R AC 52 59 62	TROXLER, EULYSS ROBERT 2314 PRINCESS ANN ST. GREENSBORO 27408 DUKE	ORS L 38 47 48
	919 379-8460		919 854-6546		919 288-5521

41. GREENSBORO SOCIETY OF MEDICINE (Continued)

TRUESDALE, GERALD LYNN 901 N. ELM ST. GREENSBORO 27401 U OF CHICAGO	PS/GS AC 75 79 84 919 274-2757	WEINTRAUB, RICHARD ALAN 721 GREEN VALLEY RD. GREENSBORO 27408 GEORGETOWN U	CD/IM AC 70 71 78 919 378-1244	WILSON, CHARLES HARRISON 1317 N. ELM ST., STE. 1 GREENSBORO 27401 MED COLL OF VA	CDS/TS AC 73 77 82 919 373-8245
TURNER, WILLIAM HARRISON, III 1030 PROFESSIONAL VILLAGE GREENSBORO 27401 MED COLL OF VA	D/IM AC 68 68 77 919 373-1384	WEISS, JOSEPH WALTON 522 N. ELAM AVENUE, STE. 203 GREENSBORO 27403 MED COLL OF OHIO	P AC 77 78 85 919 854-2391	WINTER, KENNETH HOWE 3307 WALDRON DRIVE GREENSBORO 27408 U OF NC	R AC 75 75 81 919 855-8972
TYSINGER, JOHN REED 1511 WESTOVER TERRACE GREENSBORO 27408 MED U OF SC	CD/IM AC 70 72 85 919 373-1562	WEISSMAN, JAMES MICHAEL 1904 N. CHURCH STREET GREENSBORO 27405 U OF ILLINOIS	GE/IM AC 70 71 79 919 274-3241	WOLFF, GEORGE THOMAS 1016-A PROFESSIONAL VILLAGE GREENSBORO 27401 JEFFERSON	FP AC 52 52 56 919 379-1156
VATZ, BENJAMIN 1904 N. CHURCH STREET GREENSBORO 27405 DUKE	IM AC 45 45 50 919 274-3241	WELBORN, JULIUS WARREN, JR. 200 E. NORTHWOOD ST., STE. 310 GREENSBORO 27401 MED U OF SC	IM/OM AC 51 52 52 919 273-0872	WOLICKI, KAROL T. 321 W. WENDOVER AVE. GREENSBORO 27408 U OF VIRGINIA	OTO AC 81 81 87 919 379-9445
VAUGHAN, EDWIN WARNER 2632 WALKER AVENUE GREENSBORO 27403 U OF VIRGINIA	IM/RIP L/RT 37 37 40 919 299-7909	WELLS, RHEUDOLPH JAMES 602 PASTEUR DRIVE GREENSBORO 27403 MED COLL OF VA	OTO/PS AC 56 62 62 919 292-5818	WORLAND, DAVID ERIC 1816 PEMBROKE RD., STE. #2 GREENSBORO 27408 INDIANA U	AN AC 74 76 78 919 272-3720
VINOD, SHEELA UDAYAN DRAWER X-3 GREENSBORO 27402 U OF BOMBAY	PTH AC 73 77 83 919 854-6454	WHEELER, REBECCA RUSSELL 1200 N. ELM ST. GREENSBORO 27401 BAYLOR	IM/ID AC 81 81 86 919 379-4062	YARBROUGH, JOHN WARD 2750 LAUREL STREET, STE. 305 COLUMBIA, SC 29204 BOWMAN GRAY	TS AC 67 67 77 803 254-5140
WAINER, HOWARD SCHEYER 1904 N. CHURCH STREET GREENSBORO 27405 BOWMAN GRAY	IM/GE AC 54 54 60 919 274-3241	WHITENER, ROBERT WILFONG 1024 PROFESSIONAL VILLAGE GREENSBORO 27401 NORTHWESTERN U	P AC 54 54 62 919 274-1250	YOUNG, CLINTON DRIVER 1018 N. ELM STREET GREENSBORO 27401 U OF VIRGINIA	PUD/A AC 74 74 81 919 275-7238
WARWICK, HIGHT CLAUDIUS 2320 KIRKPATRICK PLACE GREENSBORO 27408 MED COLL OF VA	AN L/RT 34 34 36 919 272-4220	WHITFIELD, PETER WHITE 201 E. WENDOVER AVE. GREENSBORO 27401 GEO WASHINGTON U	ORS AC 74 76 81 919 274-1957	YOUNG, KYLE ALLEN P. O. BOX 13005 GREENSBORO 27405 BOWMAN GRAY	DR AC 69 69 73 919 379-4144
WEATHERLY, WILLIAM JESSE 1014 PROFESSIONAL VILLAGE GREENSBORO 27401 U OF NC	GS AC 70 70 81 919 373-1078	WILLIAMS, JOHN DUDLEY, JR. 1715-A W. MARKET ST. GREENSBORO 27403 TEMPLE U	GYN L 30 31 59 919 272-8833	YOUNG, PETER RUSSELL 1317 N. ELM ST., STE. 5 PO BOX 10037 GREENSBORO 27404 EMORY U	GS AC 61 61 69 919 274-8444
WEIN, ROBERT MICHAEL 408 PARKWAY GREENSBORO 27401 U OF VIRGINIA	OBG AC 72 72 79 919 378-1110				

42. HALIFAX COMPONENT SOCIETY

OFFICERS—President: Mario Fiorilli, M.D., 220 Smith Church Rd., Roanoke Rapids 27870 (919 535-3001)
Secretary: Amada R. DeVilla, M.D., 115 Long Circle, Roanoke Rapids 27870 (919 537-8193)
Executive Secretary: Cathy King, 115 Long Circle, Roanoke Rapids 27870 (919 537-8193)

ANTONY, JOSE KANDANATT 238 OLD FARM ROAD P.O. BOX 1175 ROANOKE RAPIDS 27870 U OF ROMA	CD AC 79 81 87 919 537-9268	CHAUDHRY, HASHMAT ALI 725-C HAMILTON ST. ROANOKE RAPIDS 27870 NISHTAR MED COLL	OPH AC 69 76 84 919 537-0522	JACOB, WILLIAM MITCHELL 1210 QUAIL COURT ROANOKE RAPIDS 27870 U OF COLORADO	DR/R AC 79 83 84 919 535-8155
BISSRAM, GANESH 130 CARDINAL DR. ROANOKE RAPIDS 27870 U OF WEST INDIES	ORS AC 72 81 85 919 535-3091	COVINGTON, JOHN M.C. 506 FRANKLIN STREET ROANOKE RAPIDS 27870 U OF VIRGINIA	OPH L/RT 29 29 33 919 537-3644	JARMAN, FONTAINE GRAHAM, JR. 12 LONGSTREET ROAD WELDON 27890 MED COLL OF VA	GS L/RT 43 52 52 919 536-2884
BLOWE, RALPH BOYD, SR. 10 WEST 6TH STREET WELDON 27890 MED COLL OF VA	FP L 38 38 41 919 536-3820	DEEPE, ROBERT PO BOX 458 ROANOKE RAPIDS 27870 U OF CINCINNATI	GS AC 79 80 85 919 535-1585	MANLAPAS, HECTOR CHAN P. O. DRAWER 158 ROANOKE RAPIDS 27870 U OF SANTO TOMAS	IM AC 63 63 72 919 537-0135
BOONE, JOHN WOODIE, JR. 120 PROFESSIONAL DRIVE ROANOKE RAPIDS 27870 BOWMAN GRAY	FP AC 51 51 54 919 537-9176	DEVILLA, AMADA RUIZ 115 LONG CIRCLE ROANOKE RAPIDS 27870 U OF KENTUCKY	OPH AC 79 80 84 919 537-8193	OVERTON, MARK HOWARD STAR ROUTE, BOX 207A GASTON 27832 U OF OREGON	IM/FP AC 81 84 84 919 535-2966
BROWN, WILLIAM LEE P. O. DRAWER 158 ROANOKE RAPIDS 27870 U OF NC	IM AC 61 61 71 919 537-0135	ELMORE, WILLIAM GLENN P. O. BOX 249 ROANOKE RAPIDS 27870 DUKE	DR AC 68 68 75 919 535-2121	PANDARINATH, GUPTA DRAWER 158 ROANOKE RAPIDS 27870 BANGALORE MED CO	GE/IM AC 72 75 78 919 537-0135
BYRD, WILLIAM EUGENE 1724 E. TENTH ST. PO BOX 1093 WELDON 27890 U OF NC	RHU/IM AC 70 70 84 919 535-1082	FIORILLI, MARIO GRAZIA 220 SMITH CHURCH ROAD ROANOKE RAPIDS 27870 U DESACRO CUORO	ID/IM AC 71 74 81 919 535-3001	PATEL, MAHENDRA S. 240 SMITH CHURCH RD. ROANOKE RAPIDS 27870 BARODA U	IM/ON AC 76 79 85 919 537-0134
BYRUM, GRAHAM VANCE P. O. BOX 540 SCOTLAND NECK 27874 BOWMAN GRAY	FP/GP AC 52 52 56 919 826-3143	FRAZIER, RICHARD ELLIS 120 PROFESSIONAL DRIVE ROANOKE RAPIDS 27870 BOWMAN GRAY	FP AC 62 62 67 919 537-9176	PORTELA, ANGEL ISMAEL 220 SMITH CHURCH ROAD ROANOKE RAPIDS 27870 MED COLL OF VA	IM RT 51 62 63 919 535-3001
CACERES, MARCO ANTONIO PO BOX 458 ROANOKE RAPIDS 27870 U OF HONDURAS	GS/TS AC 63 71 76 919 537-6525	FU, HUNG-JEN 1060 E. 10TH ST. ROANOKE RAPIDS 27870 KAOHSIUNG ME COL	GS/TS AC 61 72 85 919 537-2153	POWER, BHASKAR DAYARAM 240 SMITH CHURCH ROAD ROANOKE RAPIDS 27870 U OF BOMBAY	OTO/A AC 57 58 84 919 535-1411
		FUSSELL, FITZHUGH LEE, JR. 120 PROFESSIONAL DRIVE ROANOKE RAPIDS 27870 U OF NC	GP AC 60 60 65 919 537-9176	SHANKER, KASTURI GIRIJA 117 WEST SEVENTH STREET ROANOKE RAPIDS 27870 MADRAS MED COLL	U AC 60 73 78 919 537-0023

42. HALIFAX COMPONENT SOCIETY (Continued)

SUMPTER, EDWIN ALLEN BOX 848 WELDON 27890 U OF VIRGINIA	PD AC 56 56 82 919 536-2557	WATSON, SUSAN A. 115 LONG CIRCLE ROANOKE RAPIDS 27870 U OF CINCINNATI	OPH AC 81 82 87 919 539-8193	WOOD, SHERROD NEWBERRY 111 RAILROAD STREET ENFIELD 27823 JEFFERSON	GP AC 50 50 52 919 445-5233
TAYLOR, THOMAS JEFFERSON 616 FRANKLIN STREET ROANOKE RAPIDS 27870 JEFFERSON	GP L 34 34 37 919 537-6156	WILLIAMS, RHODERICK THOMAS, JR 114 WOODLAND ROAD ROANOKE RAPIDS 27870 U OF NC	DR AC 67 67 76 919 535-2121		

43. HARNETT COMPONENT SOCIETY

OFFICERS—**President:** Lawrence F. Feld, M.D., 708 Tilghman Dr., Dunn 28334 (919 892-0424)**Secretary:** Thomas L. Taylor, M.D., 116 Jones Dr., Dunn 28334 (919 892-7161)

ADAIR, WILLIAM EDWARD, JR. P. O. BOX 578 ERWIN 28339 TEMPLE U	GP /GS L 38 38 41 919 897-5521	JOHNSON, GALE DENNING 119 LUCKNOW SQUARE DUNN 28334 JEFFERSON	GS AC 44 44 47 919 892-7893	SEDDON, JENNIFER LYNN RT 4, BOX 630 DUNN 28334 U OF ENDINBURGH	FP AC 68 68 87 919 892-2103
AMSELLEM, DAVID GOOD HOPE HOSPITAL PO BOX 668, DENIM DR. ERWIN 28339 U OF MONTPELLIER	P AC 73 73 85 919 897-6151	LEE, THOMAS CHEN-YAO 703 TILGHMAN DRIVE P. O. BOX 1501 DUNN 28334 TAIWAN U-TAIPEI	GS AC 58 58 79 919 892-1631	SEDDON, JOHN MICHAEL 714 TILGHMAN DR. DUNN 28334 U OF EDINBURGH	U AC 67 69 85 919 892-1068
BLACKMON, BRUCE BERNARD P. O. BOX 8 BUIES CREEK 27506 BOWMAN GRAY	FP AC 51 51 53 919 893-3543	LOWE, BARBARA ANN 700 TILGHMAN DR. DUNN 28334 U OF NC	IM AC 82 83 85 919 892-1056	SEEMAN, BRIAN ANDREW 702 TILGHMAN DR. DUNN 28334 DOWNSTATE ME CTR	AN AC 82 83 86 919 892-9261
BYRD, CHARLES WILLIAM P. O. BOX 698 DUNN 28334 TEMPLE U	FP L/RT 40 40 47 919 892-2464	MISULIA, ANDREW G. 705 TILGHMAN DR. DUNN 28334 U OF MARYLAND	FP AC 81 82 84 919 892-4096	SHULER, JIMMIE BLAKE 518 EAST H STREET PO BOX 687 ERWIN 28339 MEHARRY MED COLL	PD AC 78 82 83 919 897-8061
DOFFERMYRE, LUTHER RANDOLPH P. O. BOX 1011 DUNN 28334 TEMPLE U	FP L 38 38 39 919 892-4151	MOORE, WILLIAM DONALD P. O. BOX 280 COATS 27521 MED COLL OF VA	FP AC 44 47 50 919 897-6423	TAYLOR, THOMAS LEE 116 JONES DRIVE DUNN 28334 CORNELL U	DR AC 53 53 72 919 892-7161
DUNCAN, MARGARETA JOHNSON 306 W. EDGERTON STREET DUNN 28334 U OF NC	FP AC 56 56 60 919 892-2567	PETERSON, ROBERT L., JR. 608 TILGHMAN DR. DUNN 28334 U OF NC	OBG AC 82 83 86 919 892-4092	WILLIFORD, JOHN KENNETH P. O. BOX 579 LILLINGTON 27546 BOWMAN GRAY	FP AC 46 46 48 919 893-3392
DUNCAN, STACY ALLEN, JR. 306 W. EDGERTON STREET DUNN 28334 U OF NC	FP AC 56 56 60 919 892-2151	ROBINSON, LINDA MOORE COATS MEDICAL CLINIC P. O. BOX 280 COATS 27521 U OF NC	FP AC 76 76 75 919 897-6423	WILSON, STEPHEN GLENN, SR. P. O. BOX 158 ANGIER 27501 MED COLL OF VA	GP L/RT 30 30 32 919 639-2574
HANCOCK, RICHARD PAUL 702 TILGHMAN DR. DUNN 28334 JOHNS HOPKINS	GS /TS AC 61 65 67 919 892-8120			ZICH, MICHAEL JOHN 608 TILGHMAN DR. DUNN 28334 U OF ILLINOIS	OBG AC 75 77 84 919 892-4092

44. HAYWOOD COMPONENT SOCIETY

OFFICERS—**President:** Richard Valenziano, M.D., 1600 N. Main St., Waynesville 28786 (704 456-3511)**Secretary:** Nancy R. Freeman, M.D., Midway Medical Center, Canton 28716 (704 627-2211)**Executive Secretary:** Katherine Smith, 90 Hospital Dr., Clyde 28721 (704 452-0821)

BORDER, CLINTON LARRY, JR. P. O. BOX 538 WAYNESVILLE 28786 U OF LOUISVILLE	GS RT 52 58 70 704 452-4500	CYNN, STEVEN JAE 102 HOSPITAL DRIVE CLYDE 28721 YONSEI U	FP /D AC 61 74 83 704 452-0611	GEHWEILER, JOHN ANDREW, JR. P. O. BOX 231 WAYNESVILLE 28786 DUKE	R AC 56 56 68 704 452-1517
BRASWELL, WILLIAM KELLEY MIDWAY MEDICAL CENTER P. O. BOX 1409 CANTON 28716 U OF MIAMI	GS /TS AC 77 78 81 704 627-2211	DENNIS, KENNETH MICHAEL 1 SMATHERS STREET CLYDE 28721 U OF FLORIDA	PD /ADL AC 74 77 78 704 627-9226	GILLIGAN, KENDALL ALLEN 109 ROBIN LANE WAYNESVILLE 28786 U OF CALIF-LA	EM AC 77 77 82 704 456-6021
BROWN, ALAN REID 105 TIMOTHY LANE WAYNESVILLE 28786 U OF MICHIGAN	DR L/RT 41 53 53 704 452-5578	DICKERSON, ANDREW JACKSON 1600 N. MAIN STREET WAYNESVILLE 28786 BOWMAN GRAY	GS /TS AC 48 49 55 704 452-5101	HARLEY, STEWART JACQUES 114 HOSPITAL DRIVE CLYDE 28721 U OF MICHIGAN	ORS AC 69 69 77 704 452-2218
BROWN, GEORGE WALLACE 102 BROWN AVENUE HAZELWOOD 28738 U OF NC	FP AC 54 54 58 704 456-6021	DIXON, GEORGE RANDALL 90 HOSPITAL DR. CLYDE 28721 DUKE	DR AC 76 77 85 704 452-2260	HILL, STEPHEN THOMAS PO BOX 427 LAKE JUNALUSKA 28745 WEST VA U	OBG AC 80 80 84 704 456-7369
CALLAGHAN, WILLIAM M. PO BOX 427 LAKE JUNALUSKA 28745 OHIO STATE U	OBG AC 81 84 85 704 456-7369	DYER, DAVID PATTERSON 2436 ASHEVILLE ROAD WAYNESVILLE 28786 VANDERBILT U	PD /A AC 44 58 58 704 456-9041	LIPHAM, HARRY GLENN 102 HOSPITAL DRIVE CLYDE 28721 BOWMAN GRAY	PUD /IM AC 76 76 81 704 452-0331
CAMP, EDWARD HAYS 112 BALSAM DRIVE WAYNESVILLE 28786 U OF CHICAGO	GS L/RT 39 50 51 704 456-9858	EARNEST, ROBERT RHEA 107 WOODLAND DRIVE WAYNESVILLE 28786 EMORY U	PD /ADL AC 68 69 74 704 452-2211	MASTERS, MICHAEL JASON 102 HOSPITAL DR. SUITE #6 CLYDE 28721 HAHNEMANN	D AC 75 76 83 704 456-7343
		FREEMAN, NANCY ROUSER PO BOX 1409 CANTON 28716 U OF NC	FP AC 82 84 86 704 627-2211	MATHEWS, HERSCHELL F. ROUTE #1, BOX 564 SYLVA 28779 BOWMAN GRAY	FP /EM AC 60 60 80 704 586-8352

44. HAYWOOD COMPONENT SOCIETY (Continued)

MCKINNEY, ALEXANDER STUART	N AC	OWEN, ROBERT HARRISON	ABS /GP L	SHARPTON, BENNIE REEVES	GS AC
102 HOSPITAL DR.	59 60 85	127 1/2 MAIN STREET	31 31 35	1600 N. MAIN STREET	71 73 80
CLYDE 28721		CANTON 28716		WAYNESVILLE 28786	
COLUMBIA U	704 452-0331	U OF PENN	704 648-2142	MED COLL OF GA	704 456-8633
MILLING, JAMES REAVES	FP AC	OWEN, WILLIAM BOYD	GP AC	STEVENS, HUGH L. C.	IM /GE AC
718 BRUNSWICK DRIVE	55 55 81	PO BOX 780	42 42 46	1600 N. MAIN STREET	46 46 72
WAYNESVILLE 28786		OWEN-SMITH CLINIC, PA		WAYNESVILLE 28786	
MED U OF SC	704 456-5566	WAYNESVILLE 28786		TEMPLE U	704 452-5124
MORRISON, FRANK CRAWFORD	GP AC	U OF PENN	704 456-8601	STRINGFIELD, JAMES KING	FP AC
P. O. BOX 1549, MEDICAL BLDG.	55 55 58	QUEEN, KATE TAYLOR	RHU /IM AC	P. O. BOX 900	51 51 53
CANTON 28716		102 HOSPITAL DR.	81 84 86	WAYNESVILLE 28786	
U OF NC	704 648-5215	CLYDE 28721		JEFFERSON	704 456-3222
NATHAN, HENRY PAUL	IG /IM AC	U OF NC	704 452-0331	TANNEHILL, JOHN FRANKLIN	OTO /HNS AC
102 HOSPITAL DRIVE	77 77 83	ROBERSON, ROBERT STUART	PH L	120 HOSPITAL DRIVE	64 64 77
CLYDE 28721		305 GRIMBALL DR.	30 30 32	CLYDE 28721	
ALBERT EINSTEIN	704 452-0331	HAZELWOOD 28738		TULANE U	704 452-1406
NERNEY, JOHN JOSEPH	OPH AC	MED COLL OF VA	704 456-3662	WENZEL, FREDERICK GEORGE	GS AC
116 HOSPITAL DRIVE	70 71 78	ROGERS, TED	OPH AC	102 HOSPITAL DR., STE. 12	59 66 66
CLYDE 28721		79 PARAGON PARKWAY	67 67 73	CLYDE 28721	
MED COLL OF GA	704 452-5816	CLYDE 28721	704 456-9423	NORTHWESTERN U	704 456-8624
		U OF NC			

45. HENDERSON COMPONENT SOCIETY

OFFICERS—President: Rodney J. Hawk, M.D., P.O. Box 1065, Hendersonville 28739 (704 693-0706)
Secretary: J. Crit Harley, M.D., 1003 Fifth Ave., W., Hendersonville 28739 (704 692-8042)

ALBERS, CHARLES ALLEN	GS AC	CRAWFORD, JOHN LITTLEFIELD, III	OPH AC	HAWK, RODNEY JAMES	OTO AC
835 FLEMING STREET	76 76 82	1701 OLD VILLAGE ROAD	74 74 71	512 PARK HILL CT.	70 71 77
HENDERSONVILLE 28739		HENDERSONVILLE 28739		PO BOX 1065	
BAYLOR	704 692-0238	BOWMAN GRAY	704 693-1773	HENDERSONVILLE 28739	704 693-0706
ALEXANDER, WILLIAM MCKINLEY	IM L/RT	DENNISON, HERBERT EUGENE	OBG AC	U OF PITTSBURGH	
P. O. BOX 627	45 49 54	630 FIFTH AVENUE, WEST	61 68 68	HELPPIE, JOANNE E.	IM AC
HENDERSONVILLE 28739		HENDERSONVILLE 28739		510 7TH AVENUE, WEST	83 84 87
MED U OF SC	704 692-7201	U OF MICHIGAN	704 692-2258	HENDERSONVILLE 28739	
ANDREWS, THOMAS J.	P AC	DOWDESWELL, ROBERT HORTON	PTH AC	U OF MICHIGAN	919 692-2232
1612 ASHEVILLE HWY, STE. 4	79 80 86	735 SIXTH AVE., WEST	70 70 78	HENRICH, CHARLES	FP/EM AC
HENDERSONVILLE 28739		HENDERSONVILLE 28739		205 THOMPSON ST.	74 84 85
LOMA LINDA U	704 697-2673	MED U OF SC	704 697-6781	HENDERSONVILLE 28739	
AUSTIN, STEPHEN BRAUNER	IM AC	DUNN, JACK NEWTON	U AC	LOMA LINDA U	704 693-9632
414 N. CHURCH STREET	76 78 79	512 SIXTH AVENUE, WEST	60 60 72	HILL, PAUL EDWARD	IM /FP AC
HENDERSONVILLE 28739		HENDERSONVILLE 28739		559 N. JUSTICE STREET	54 54 56
BOWMAN GRAY	704 693-1768	MED U OF SC	704 692-6262	HENDERSONVILLE 28739	
BAILEY, ROBERT WOODWARD	FP AC	EATON, ROBERT FARRELL	ORS AC	DUKE	704 692-0587
611 FIFTH AVE. WEST	83 84 80	1027 FLEMING STREET	66 66 76	HOPKINS, RICHARD GLENN	GP AC
HENDERSONVILLE 28739		HENDERSONVILLE 28739		P.O. BOX 775, WALKER ST.	55 59 83
EAST CAROLINA U	704 697-1508	LA STATE U	704 692-5781	COLUMBUS 28722	
BAKER, EDGAR	FP AC	FALVO, SAMUEL CATANZARO	CRS /GS AC	U OF MICHIGAN	704 894-8266
510-A FLEMING STREET	62 66 67	511 SIXTH AVENUE, WEST	52 59 59	IRVING, RICHARD CARROLL	AN /GER L/RT
HENDERSONVILLE 28739		HENDERSONVILLE 28739		RT. #9, 2589 HEBRON RD.	41 57 58
U OF TENNESSEE	704 693-9973	GEORGETOWN U	704 693-9566	HENDERSONVILLE 28739	
BELL, JOHN DAVIS	AN AC	FRANCIS, ROBERT DEAN	ORS /HS AC	DUKE	704 692-9806
401 SIXTH AVE., WEST	72 72 77	1027 FLEMING STREET	77 78 84	JONES, MICHAEL CHARLES	GS AC
HENDERSONVILLE 28739		HENDERSONVILLE 28739		835 FLEMING STREET	72 72 82
U OF NC	704 693-7848	DUKE	704 692-5781	HENDERSONVILLE 28739	
BLAKELY, GENE THORNTON	GS AC	GLASSMAN, STUART LEWIS	GS /VS AC	U OF NC	704 692-0238
MARGARET PARDEE HOSPITAL	54 54 70	502 7TH AVE. WEST	73 73 87	KEPPLER, C. BURTON	AN AC
HENDERSONVILLE 28739		HENDERSONVILLE 28739		334 BROOKSIDE CAMP RD.	65 66 86
TULANE U	704 693-6522	U OF MIAMI	704 692-1191	HENDERSONVILLE 28739	
BROWN, FRANK MAC	ORS AC	GLEATON, HUGH ELBERT, JR.	OPH AC	LOMA LINDA U	704 692-8688
1027 FLEMING STREET	63 74 82	643 FIFTH AVENUE, WEST	65 65 73	KING, DUNCAN INGRAHAM C.	FP L
HENDERSONVILLE 28739		HENDERSONVILLE 28739		506 7TH AVENUE, WEST	35 35 37
LOMA LINDA U	704 692-5781	MED COLL OF GA	704 692-9146	HENDERSONVILLE 28739	
BURCH, LARRY THOMAS	P AC	GLENN, DAVID LOCKE, JR.	GS AC	MED U OF SC	704 693-5331
3 ESSEX LANE	64 65 77	561 FLEMING ST.	76 76 85	KINNE, EDMUND RICHARD	OBG AC
HENDERSONVILLE 28739		HENDERSONVILLE 28739		6007 PERCIVAL RD., #1257	44 45 77
U OF MICHIGAN	919 768-6930	MED U OF SC	704 693-1778	COLUMBIA, SC 29206	
BURCH, WILLIAM HOBART	FP AC	GODEHN, DONALD JOHN, JR.,	D AC	LOMA LINDA U	803 782-7727
BOX 285, HARRIS RD AND 74	50 53 54	506 PARK HILL CT., STE. #1	72 75 77	KIRKLEY, MARGARET ANNE	FP AC
LAKE LURE 28746		HENDERSONVILLE 28739		518 SIXTH AVENUE, WEST	68 71 76
CASE WESTERN RES	704 625-9121	BOWMAN GRAY	704 693-0275	HENDERSONVILLE 28739	
CALDEMeyer, JOHN EVERETT	DR AC	GOODFIELD, PETER	CD AC	U OF EDINBURGH	704 697-7805
715 FLEMING ST.	78 78 85	510 7TH AVENUE, WEST	79 80 86	KIRKLEY, SIDNEY EUGENE	IM AC
HENDERSONVILLE 28739		HENDERSONVILLE 28739		518 SIXTH AVENUE, WEST	66 66 76
INDIANA U	704 693-1441	NEW YORK U	704 692-2231	HENDERSONVILLE 28739	
CASERIO, JAMES JOSEPH	IM AC	HARLEY, JOHN CRITTENDEN	EM AC	MED U OF SC	704 697-7805
547 N. JUSTICE ST.	78 79 86	1003 FIFTH AVE. WEST	73 73 86	KRISHINGNER, GENE LAYERE	GS AC
HENDERSONVILLE 28739		HENDERSONVILLE 28739		ROUTE #8, BOX 81-A	65 65 76
U OF PITTSBURGH	704 692-5096	U OF NC	704 692-8042	HENDERSONVILLE 28739	
COSGROVE, KENNETH EDWARD	IM /CD AC			LOMA LINDA U	704 693-1729
510 7TH AVENUE, WEST	46 53 53				
HENDERSONVILLE 28739					
NEW YORK U	704 692-2231				

45. HENDERSON COMPONENT SOCIETY (Continued)

KRUM, RONALD EUGENE P. O. BOX 5420 FLETCHER 28732 LOMA LINDA U	FP AC 60 60 70	RAIFORD, FLETCHER LINDSAY 1023 FOREST HILL RD. HENDERSONVILLE 28739	PD L 41 51 51	STRANGE, JOHN NELSON, JR. 561 FLEMING ST. HENDERSONVILLE 28739	GS /VS AC 77 77 86
LATOURETTE, KENNETH ABRAM P. O. BOX 177 FLAT ROCK 28731 NEW YORK U	PTH L/RT 39 39 55	REIBOLD, ROBERT J. 111 TIMBERCREEK RD. HENDERSONVILLE 28739	IM AC 73 75 87	STRICKLAND, WILLIAM HERMAN, JR. 510 FLEMING STREET HENDERSONVILLE 28739	FP AC 54 54 57
LOVE, DAVID EUGENE 513 N. JUSTICE ST. HENDERSONVILLE 28739	OBG AC 65 65 72	ROMEO, BRUNO JOSEPH 501 SIXTH AVENUE, WEST HENDERSONVILLE 28739	IM /NM AC 42 51 53	THOMAS, COLIN EDWARD 512 SIXTH AVENUE, WEST HENDERSONVILLE 28739	U AC 67 67 74
LUTZ, JAMES DWIGHT 401 SIXTH AVENUE, WEST HENDERSONVILLE 28739	AN AC 45 48 49	ROSS, JOHN MARION 630 FIFTH AVENUE, WEST HENDERSONVILLE 28739	OBG AC 55 55 63	VANDERWERF, JOSEPH NELSON 611 FIFTH AVE., WEST HENDERSONVILLE 28739	FP AC 73 74 84
MACKEL, DAVID FREDERICK 1027 FLEMING STREET HENDERSONVILLE 28739	ORS AC 74 74 83	SACCO, RUSSELL JOHN 506 PARK HILL COURT HENDERSONVILLE 28739	IM AC 47 48 76	VEAZEY, ALEX H., JR. 1228 CHANTELOUP DR. HENDERSONVILLE 28739	FP RT 51 51 56
MCALEXANDER, DONALD LEE 56 ARDSLEY AVE. CONCORD 28025	IM AC 81 81 86	SANDBORN, WILLIAM DEAL P. O. BOX 5400 FLETCHER 28732	GS AC 65 67 73	VEAZEY, DANIEL BURT 611 FIFTH AVE., WEST HENDERSONVILLE 28739	FP AC 81 82 85
MCCONNACHIE, CHARLES CHRIS. 1027 FLEMING STREET HENDERSONVILLE 28739	ORS H 61 61 73	SELLERS, PHILLIP ALAN 510 7TH AVENUE, WEST HENDERSONVILLE 28739	IM AC 57 57 64	VOLK, JAMES VICTOR 722 W. FIFTH AVE. HENDERSONVILLE 28739	PD AC 72 75 86
MILHOLM, RICHARD LEROY 2305 ASHEVILLE HIGHWAY HENDERSONVILLE 28739	FP AC 63 66 67	SHEALY, FRED GRAY, JR. 561 FLEMING STREET HENDERSONVILLE 28739	GS /VS AC 72 72 78	WALKER, PAUL CREASY 510 FLEMING ST. HENDERSONVILLE 28739	FP AC 81 82 86
MOORE, PIERCE JONES, JR #1 P.J.'S PLACE HENDERSONVILLE 28739	GS AC 44 47 53	SHETTERLY, ROGER DAVIS 1027-B FLEMING STREET HENDERSONVILLE 28739	OPH AC 67 67 75	WEADON, PRESTON STENZ 475 KING WILLIAM ROAD HENDERSONVILLE 28739	NS RT 41 51 82
NERNESS, JOHN LAVON 513 N. JUSTICE ST. HENDERSONVILLE 28739	OBG AC 63 64 74	SIGMON, LEE MERRELL 121 TIMBER CREEK ROAD HENDERSONVILLE 28739	PTH /DMP AC 72 73 81	WILLIAMS, JOHN HOWARD PARDEE MEMORIAL HOSPITAL HENDERSONVILLE 28739	R AC 64 69 73
PORTER, RICHARD ALLISON 1107 WOODMONT DR. HENDERSONVILLE 28739	FP L/RT 43 47 48	SMOLOWITZ, EDWIN LARRY 735 6TH AVE. WEST HENDERSONVILLE 28739	U AC 75 76 84	WYMAN, JOHN SHELDON 715 FLEMING ST. HENDERSONVILLE 28739	EM /IM AC 36 36 74
POSSINGER, CLIVE FRANCIS, JR. P. O. BOX 217 NAPLES 28760	IM AC 65 65 75	SPENGLER, JOHN ROBERT PARDEE MEMORIAL HOSPITAL HENDERSONVILLE 28739	R AC 53 65 66	ZINKE, DAVID PO BOX 40 EDNEYVILLE 28727	FP AC 47 47 87
PYLES, JERALD DENNIS 510 7TH AVENUE, WEST HENDERSONVILLE 28739	IM AC 74 77 78	STOUT, JAMES STEVENS E.I. DUPONT DENEMOURS, INC. BREVARD 28712	OM /EM AC 57 57 75		
DUKE		MED COLL OF GA			

47. HOKE COMPONENT SOCIETY

OFFICERS—President: Robert Townsend, Jr., M.D., 504 S. Main St., Raeford 28376 (919 875-5101)

Secretary: Ramniklal J. Zota, M.D., 116 Campus Ave., Raeford 28376 (919 875-8106)

BARTH, GEORGE BITTMAN, II 405 S. MAIN ST. P. O. BOX 665 RAEFORD 28376	FP AC 82 83 85	RICHARDSON, LUCILE WELSH 355 PEACH STREET PINEBLUFF 28373	PUD /IM L/RT 43 56 57	TOWNSEND, ROBERT GLENN, JR. 405 S. MAIN ST. PO BOX 665 RAEFORD 28376	FP AC 61 64 64
JORDAN, RILEY MOORE 116 CAMPUS AVENUE RAEFORD 28376	FP AC 51 51 53	RICHER, CHARLOTTE MARTHA DIV. OF HEALTH SERVICES STE. 506, WACHOVIA BLDG FAYETTEVILLE 28301	PUD /PD AC 46 62 63	ZOTA, RAMNIKAL JECHAND 116 CAMPUS AVENUE RAEFORD 28376	FP AC 71 71 75
BOWMAN GRAY		U OF HEIDELBERG		BARODA U	

49. IREDELL COMPONENT SOCIETY

OFFICERS—President: Stanley F. Sliwinski, M.D., P.O. Box 1460, Statesville 28677 (704 878-2011)

Secretary: Demar A. Neal, III, M.D., 708 Hartness Rd., Statesville 28677 (704 873-1024)

ABELL, JAMES CURTIS 925 THOMAS STREET STATESVILLE 28677	PD AC 66 66 73	ALFORD, JAMES DAVID 427 E. STATESVILLE AVENUE MOORESVILLE 28115	GS /TS AC 66 66 81	BENFIELD, RONALD WILLIAM 520 BROOKDALE DR. STATESVILLE 28677	ORS AC 81 86 87
ADAMS, RICHARD WESLEY 770 HARTNESS ROAD STATESVILLE 28677	ORS AC 62 63 68	BARKER, ROGER WILLIAM 702 HARTNESS ROAD STATESVILLE 28677	OTO /HNS AC 67 69 74	BENTLEY, RALPH LUTHER 332 N. CENTER STREET STATESVILLE 28677	PD AC 60 60 61
BOWMAN GRAY		U OF TENNESSEE		U OF NC	

49. IREDELL COMPONENT SOCIETY (Continued)

BEVIS, CHARLES ALAN 1835 DAVIE AVE., STE. 415 STATESVILLE 28677 BOWMAN GRAY	ORS AC 69 69 74 704 872-7676	GRiffin, THOMAS RAY P. O. BOX 328 TROUTMAN 28166 BOWMAN GRAY	FP AC 47 48 50 704 528-4588	LEWIS, DOCKERY DURHAM, JR. P. O. BOX 1460 STATESVILLE 28677 BOWMAN GRAY	PD AC 55 55 60 704 878-2011
BOWEN, BENJAMIN CURETON PO BOX 1460 STATESVILLE 28677 MED U OF SC	FP AC 63 63 69 704 878-2011	GRIMM, RUBY ANN 738 BRYANT ST. STATESVILLE 28677 WEST VA U	ON/HEM AC 75 77 82 704 873-2219	LEWIS, NEWMAN MAXVILLE P. O. BOX 1460 STATESVILLE 28677 BOWMAN GRAY	IM AC 57 57 64 704 878-2011
BOYD, RICHARD ARMISTEAD STATESVILLE MEDICAL GROUP PO BOX 1460 STATESVILLE 28677 U OF NC	OBG AC 56 56 63 704 878-2011	HAMILTON, BUFORD LINDSAY, JR. P. O. BOX 8 STONY POINT 28678 U OF PENN	FP/GP AC 61 62 74 704 585-2953	LIEU, CHONG HYUN 146 E. MCLELLAND AVE. MOORESVILLE 28115 SEOUL NATL U	PD AC 70 75 87 704 663-7500
BRADFORD, JAMES HEDRICK 1708-A DAVIE AVENUE STATESVILLE 28677 BOWMAN GRAY	CD/IM AC 75 75 81 704 873-1189	HARBERTS, ARTHUR STANLEY P. O. BOX 1460 STATESVILLE 28677 U OF ZURICH	OBG AC 57 61 74 704 878-2011	LITTLE, LONNIE MARCUS 206 ST. ANDREWS ROAD STATESVILLE 28677 JEFFERSON	GP L/RT 25 25 27 704 873-7442
BRINTON, LEWIS FLOYD 603 E. CENTER AVE. PO BOX 550 MOORESVILLE 28115 NEW YORK MED COL	GS/GYN AC 58 63 65 704 664-1414	HARDAWAY, JOHN STEGER 527 BROOKDALE DR. STATESVILLE 28677 BOWMAN GRAY	FP AC 52 52 54 704 872-7429	MADRY, JAMES THOMAS 519 BROOKDALE DR. STATESVILLE 28677 MED COLL OF GA	OBG/GYN AC 58 58 81 919 663-2564
CALHOUN, AUBREY DANIEL 435 E. STATESVILLE AVE. MOORESVILLE 28115 U OF NC	IM AC 83 84 86 704 663-4443	HARRIS, BRUCE C. PO BOX 1460 STATESVILLE MEDICAL GROUP STATESVILLE 28677 U OF MISSOURI	GS AC 81 86 87 704 878-2011	MCCLAIN, BILL REID ROUTE #2, BOX 542 MOORESVILLE 28115 BOWMAN GRAY	FP RT 55 55 58 704 663-3584
CAMPBELL, FRANCIS MICHAEL 503 E. STATESVILLE AVE. MOORESVILLE 28115 MED U OF SC	GS AC 79 81 86 704 663-7905	HENDERSON, ANDREW MCKNITT, JR. 252 W. MCLELLAND AVENUE MOORESVILLE 28115 BOWMAN GRAY	GP AC 50 50 52 704 664-5477	MCNABB, JAMES WILLIAM 602 CARPENTER AVE. MOORESVILLE 28115 U OF SOU FLORIDA	FP AC 82 83 86 704 663-7328
CANUPP, TONY WAYNE PO BOX 729 MOORESVILLE 28115 BOWMAN GRAY	IM AC 73 73 73 704 663-5566	HENNINGER, JOSEPH BAYLOR P. O. BOX 1808 STATESVILLE 28677 NORTHWESTERN U	IM AC 45 45 51 704 873-7789	MILLER, HERSEY EUGENE 702 HARTNESS ROAD STATESVILLE 28677 BOWMAN GRAY	OTO/HNS AC 70 70 78 704 873-5224
CASH, DAVID WAYNE 310 DAVIE AVE. STATESVILLE 28677 U OF NC	FP AC 82 83 80 704 873-3269	HILL, PATRICIA KAYE P.O. BOX 821 STATESVILLE 28677 U OF NC	P AC 79 80 86 704 873-8446	NEAL, DEMAR AUSTIN, III 708 HARTNESS ROAD STATESVILLE 28677 OHIO STATE U	GS/CDS AC 78 79 84 704 873-1024
CAUSEY, ANDREW JACKSON 210 VALLEY STREAM ROAD STATESVILLE 28677 VANDERBILT U	OPH/OTO L 43 46 56 704 873-8337	HOLBROOK, JOSEPH SAM 211 N. RACE STREET STATESVILLE 28677 U OF PENN	IM/CD L 32 32 34 704 872-1000	NICHOLSON, JOHN HARVEY, II 760-G HARTNESS ROAD STATESVILLE 28677 MED COLL OF VA	IM AC 45 45 54 704 873-8368
CHERRY, WILLIAM HILL, JR. 519 BROOKDALE DR. STATESVILLE 28677 MED COLL OF GA	OBG AC 56 56 81 704 873-6483	HOLLAND, WALTER BOWLIN IREDELL EYE CLINIC P. O. BOX 1144 STATESVILLE 28677 BOWMAN GRAY	OPH AC 75 76 83 704 872-4108	NIETERS, GERALD FRANCIS P. O. BOX 688 MOORESVILLE 28115 ST LOUIS U	DR AC 66 66 74 704 663-3479
CHICKY, RICHARD ALLEN 316 GLENEAGLES EAST STATESVILLE 28677 COLUMBIA U	END/IM AC 63 63 84 704 878-2011	IRVING, THOMAS HERBERT 415 E. BROAD ST. STATESVILLE 28677 HAHNEMANN	AN AC 61 67 73 704 872-7364	OGGURN, PAUL LANIER STATESVILLE MEDICAL GROUP PO BOX 1460 STATESVILLE 28677 DUKE	GS/TRS AC 46 46 60 704 878-2011
CUNLAP, BENJAMIN EMERSON 925-C THOMAS STREET STATESVILLE 28677 U OF NC	FP AC 63 63 69 704 872-7636	JARMAN, WAYNE THOMAS 708 HARTNESS ROAD STATESVILLE 28677 BOWMAN GRAY	GS AC 74 74 80 704 873-1024	PARKIN, CHARLES EVAN 737 ST. CLOUD STATESVILLE 28677 U OF TENNESSEE	AN AC 63 62 80 704 873-5661
CKLEY, GEORGE MORGAN, JR. 110-P STOCKTON STREET STATESVILLE 28677 U OF PENN	IM AC 43 60 61 704 873-4334	KEARNS, PAUL RUTHERFORD 750-H HARTNESS ROAD STATESVILLE 28677 BOWMAN GRAY	OBG AC 46 46 49 704 872-6389	PETROZZA, JOSEPH ANTHONY 2601 FINES CREEK DR. STATESVILLE 28677 JEFFERSON	GE/IM AC 78 80 84 704 873-1904
OREMAN, FRANK LEROY 706 HARTNESS ROAD STATESVILLE 28677 MED U OF SC	D AC 71 78 80 704 873-0545	KEPLEY, MICHAEL AVERY 750-H HARTNESS RD. STATESVILLE 28677 U OF NC	OBG AC 80 82 85 704 872-6389	PITTMAN, ERIC WILLIAMS IREDELL MEM. HOSP. BOX 1460 STATESVILLE 28677 BOWMAN GRAY	PTH AC 66 66 76 704 873-5661
ULGHUM, EDWIN MORTON, JR. PO BOX 1460 STATESVILLE 28677 U OF NC	OBG AC 75 74 80 704 878-2011	KIRKMAN, PAUL MADISON 740 BRYANT ST. STATESVILLE 28677 BOWMAN GRAY	CD/IM AC 65 66 70 704 872-8147	PRESSLY, DAVID LOWRY 1109 DAVIE AVENUE STATESVILLE 28677 JEFFERSON	FP L 42 42 46 704 872-5671
OFF, JACOB BENJ. M., JR. P. O. BOX 1727 STATESVILLE 28677 LA STATE U	U AC 63 63 73 704 873-3766	KOGUT, DAVID GENE 1835 DAVIE AVE. STATESVILLE 28677 HAHNEMANN	IM AC 75 77 86 704 872-2768	PRITCHARD, DOUGLAS DUSSEL 504 CATS PAW LN., RT. 10 STATESVILLE 28677 BOWMAN GRAY	AN AC 72 72 86 919 873-0281
OODDE, THOMAS VANCE, III P. O. BOX 1068 STATESVILLE 28677 MED COLL OF VA	GS AC 43 47 49 704 873-7253	KUTNER, WILLIAM A., JR. 417 E. STATESVILLE AVE. MOORESVILLE 28115 DUKE	ORS AC 70 75 87 704 664-1060	RAM, BERNARD ALLEN 760 HARTNESS ROAD STATESVILLE 28677 U OF N DAKOTA	U AC 78 83 84 704 873-4741
OODSON, PHILLIP RICHARD 1308 DAVIE AVENUE STATESVILLE 28677 BOWMAN GRAY	OBG AC 76 76 81 704 873-1436	KUTTEH, HANNA CONSTANTINE 564 BROOKDALE DRIVE STATESVILLE 28677 AMER.U OF BEIRUT	GYN AC 47 51 53 704 872-6321	RAM, CECIL CASPER 774 HARTNESS ROAD STATESVILLE 28677 MED U OF SC	U AC 54 54 76 704 873-3231
REEN, RAY LYMAN 1216 DAVIE AVE. STATESVILLE 28677 BOWMAN GRAY	OBG AC 72 72 75 704 873-1436	LAI, CHI-KWONG P. O. BOX 1460 STATESVILLE 28677 NATL CTR-TAIPEI	CD/IM AC 72 74 81 704 873-0281	RHYNE, JAMES MOODY 757 BRYANT ST. STATESVILLE 28677 U OF NC	IM/N AC 68 68 75 704 873-5658
				ROARK, ROGER LEE 750 E. HARTNESS ROAD STATESVILLE 28677 BOWMAN GRAY	GS AC 75 75 86 704 873-2516

49. IREDELL COMPONENT SOCIETY (Continued)

ROBERTSON, JAMES MEBANE PO BOX 150 HARMONY 28634 TEMPLE U	GP L 32 32 34 704 546-7587	SHAW, LLOYD ROOSEVELT 222 N. OAK STREET STATESVILLE 28677 MED COLL OF VA	GYN L/RT 30 30 31 704 873-9642	TEMPLETON, THOMAS BREVARD 521 BROOKDALE DR. STATESVILLE 28677 JEFFERSON	IM AC 55 55 62 704 872-3455
ROWE, CHARLES ROY, JR. 750 HARTNESS ROAD STATESVILLE 28677 VANDERBILT U	GS AC 50 50 57 704 873-3929	SLIWINSKI, STANLEY FRANCIS, JR. P. O. BOX 1460 STATESVILLE 28677 JOHNS HOPKINS	OPH AC 66 66 77 704 878-2011	THOMAS, WILBUR CLYDE 138 SIGNAL HILL DR. APT. 105 STATESVILLE 28677 U OF MARYLAND	PTH AC 39 39 80 704 872-5426
RYMUZA, JEFFREY PO BOX 1460 OLD MOCKSVILLE RD. STATESVILLE 28677 HAHNEMANN	IM/PUD AC 74 75 84 704 878-2011	SLOAN, ALLEN BARRY 5150 SHARON RD. APT. 554 CHARLOTTE 28210 MED COLL OF VA	GP L/RT 24 24 26 704 553-1670	TRITICO, ROCCO JOSEPH P. O. BOX 803 STATESVILLE 28677 U OF TX-HOUSTON	DR AC 76 76 81 704 872-4057
SCHERER, IRVIN GEORGE P. O. BOX 7 UNION GROVE 28689 U OF KANSAS	FP AC 54 57 57 704 539-4731	STEGALL, JOHN THOMAS 310 DAVIE AVENUE STATESVILLE 28677 U OF MARYLAND	FP L/RT 43 47 48 704 873-3269	WALKER, HARRY GORDON 310 DAVIE AVENUE STATESVILLE 28677 U OF VIRGINIA	FP AC 49 49 53 704 873-3269
SERENE, JAMES WILLIAM 141 N. KELLY STREET STATESVILLE 28677 BOWMAN GRAY	ORS AC 75 75 81 704 872-7492	STEVENSON, ROBERT MCL. 743 SPRINGDALE RD., EAST STATESVILLE 28677 U OF NC	R AC 59 59 65 704 872-4306	WALTERS, HENRY CEPHAS, JR. 509 BROOKDALE DR. STATESVILLE 28677 MED U OF SC	IM AC 76 78 82 704 872-6343
SERENE, MARY BRUCE MCKENZIE 141 N. KELLY STREET STATESVILLE 28677 BOWMAN GRAY	AN AC 75 75 83 704 873-5661	STEWART, JOHN REAGAN 515 WALNUT ST. STATESVILLE 28677 TULANE U	OTO/OPH L 35 35 52 704 873-6376	WEARN, FRANKLIN STAFFORD P. O. BOX 1746 STATESVILLE 28677 HARVARD	GS/EM AS 32 33 77 704 872-9494
SHAFER, IRVING EVERETT, JR. P. O. BOX 588 STATESVILLE 28677 MED COLL OF VA	R AC 49 49 50 704 873-5661	STINSON, CHARLES S. PO BOX 1460 STATESVILLE 28677 U OF NC	IM AC 83 84 87 704 878-2011	WILLHIDE, MARGARET JANE P. O. BOX 1460 STATESVILLE 28677 MED COLL OF VA	PD/A AC 62 62 69 704 873-0281
		SWANEY, PAUL EUGENE 1318 DAVIE AVE. STATESVILLE 28677 OHIO STATE U	GS AC 78 79 84 704 872-0182		

50. JACKSON COMPONENT SOCIETY

OFFICERS—**President:** William L. Aldis, M.D., 48 Hospital Rd., Sylva 28779 (704 586-8971)**Secretary:** David Ramsey, M.D., 48 Hospital Rd., Sylva 28779 (704 586-8971)

CHOI-CHUNG, MOON SOOG EASTGATE CENTER SYLVA 28779 EWAH WOMANS U	PM AC 66 83 85 704 586-5508	FAULL, CLIFFORD EDWARD 3 EASTGATE SYLVA 28779 SYRACUSE	ORS AC 74 75 84 704 586-5531	JONES, FRANK COLLINS, JR. KILIMANJARO MED. CTR THE GOOD SAMARITAN FOUNDATION MOSHI, TANZANIA, E.AFRICA00000	GS H 60 60 73 704 586-6665
CHUNG, IL WHAN SYLVA UROLOGICAL CLINIC, PA EASTGATE CENTER SYLVA 28779 SEOUL NATL U	U AC 63 73 75 704 586-5507	GILLIAM, GEORGIA LEILA 48 HOSPITAL RD. SYLVA MEDICAL CTR. SYLVA 28779 U OF INNSBRUCK	IM AC 78 82 85 919 286-0411	MORGAN, RALPH SILER P. O. BOX 668 SYLVA 28779 RUSH MED COLL	CD/IM L/RT 41 41 48 704 586-2134
CORLEY, MALCOLM OSBOURNE ROUTE #1, BOX 391 SYLVA 28779 MED U OF SC	DR AC 68 68 75 704 586-6371	HAN, GWANG SOO 19 CENTRAL STREET SYLVA 28779 SEOUL NATL U	OBG AC 63 74 75 704 586-4096	NASH, WILL LIGHT 34 FISHER CREEK ROAD SYLVA 28779 U OF TEXAS-SW	FP AC 58 58 75 704 586-4012
DOUGLAS, BENJAMIN 103 ASHEVILLE HIGHWAY SYLVA 28779 U OF NC	OTO/HNS AC 75 83 86 704 586-7474	HEFFINGTON, MARK WILLIAM P. O. BOX 510 CASHIERS 28717 U OF TENNESSEE	FP AC 78 79 84 704 743-2491	SECOSAN, CRAIG JOHN PO BOX 517 SYLVA 28779 WASHINGTON U	OPH AC 81 82 86 704 586-2120
DURR, WALTER JACOB P. O. BOX 455 SYLVA 28779 DOWNSTATE ME CTR	GS L 37 37 52 704 586-6060	HOOPER, ROBERT LESLIE C. J. HARRIS HOSPITAL, INC. SYLVA 28779 BOWMAN GRAY	R AC 64 64 72 704 586-7000	SERVOSS, RONALD LEE P. O. BOX 984 SYLVA 28779 LOMA LINDA U	AN AC 70 73 76 704 586-8941
EL-BAYADI, NAGUI R. SKYLAND MED. BLDG. SKYLAND DRIVE SYLVA 28779 U OF EIN SHAMS	GS AC 57 69 70 704 586-2156	HURT, JOE PAUL 163 MONTEITH BRANCH ROAD SYLVA 28779 U OF NC	PTH/NA AC 65 65 72 704 586-8721	SERVOSS, SUE ANNE BOYNTON P. O. BOX 984 SYLVA 28779 LOMA LINDA U	FP/PH AC 67 68 77 704 586-4083
		JACKSON, MURRAY THREADGILL, JR. P. O. BOX 1043 SYLVA 28779 DUKE	R AC 51 51 79 704 586-8941	SMALLWOOD, JAMES CLAYTON 10 EASTGATE CENTER SYLVA 28779 MED COLL OF GA	OBG/IM AC 75 76 84 704 586-2135

51. JOHNSTON COMPONENT SOCIETY

OFFICERS—**President:** John F. Zeedick, M.D., P.O. Box 1950, Smithfield 27577 (919 934-5213)**Secretary:** Mark E. Mayer, M.D., P.O. Box 669, 307 W. Main St., Benson 27504

ALDERMAN, EDWARD HATCHER P. O. BOX 278 FOUR OAKS 27524 MED COLL OF VA	IM/FP AC 45 45 48 919 963-3148	BATTEN, WOODROW 601-B N. EIGHTH STREET SMITHFIELD 27577 BOWMAN GRAY	IM AC 44 49 49 919 934-8977	CHEEK, THOMAS SIDNEY 601-C N. 8TH STREET SMITHFIELD 27577 MED COLL OF VA	IM AC 47 47 55 919 934-2310
BASS, THOMAS RECTOR P. O. BOX 849 CLAYTON 27520 U OF TENNESSEE	FP AC 57 60 61 919 553-7158	BYLCIW, STANLEY ROBERT PO BOX 1538 SMITHFIELD 27577 U OF ROMA	ORS AC 75 77 86 919 934-1094	CREECH, JOSEPH JAN 707 LASSITER ST. SMITHFIELD 27577 DES MOINES OST	IM AC 78 80 85 919 934-0212

51. JOHNSTON COMPONENT SOCIETY (Continued)

DALY, MICHAEL JAMES 706 WILKINS STREET P. O. BOX 87 SMITHFIELD 27577 NAT U OF IRELAND	GS /TRS AC 67 80 81	LAL, MADAN 925 SELMA RD. PO BOX 239 SMITHFIELD 27577 M C OF AMRITSAR	OPH AC 67 82 83	SHARMA, DEVENDRA P. O. BOX 1690 SMITHFIELD 27577 M C OF AMRITSAR	IM AC 64 64 74
DANIEL, THOMAS MANNING 501 SELMA RD. PO BOX 568 SMITHFIELD 27577 DUKE	PD AC 51 54 54	LASSITER, WILL HARDEE, JR. ROUTE #3, BOX 90 FOUR OAKS 27524 MED COLL OF VA	GP L/RT 38 38 39	SINGH, MANMOHAN 713 NORTH ST. PO BOX 1196 SMITHFIELD 27577 M C OF AMRITSAR	GS AC 60 60 74
DHILLON, TEJPAL SINGH P. O. BOX 1688 SMITHFIELD 27577 M C OF AMRITSAR	ORS AC 63 73 76	LEE, ALLEN HENRY P. O. BOX 8 SELMA 27576 JEFFERSON	GP AC 46 47 49	SOX, CARL CAUGHMAN P. O. BOX 429 KENLY 27542 GEO WASHINGTON U	GP L 32 32 36
FAN, JACK J. P. O. BOX 807 CLAYTON 27520 CHINA MED COLL	FP AC 68 74 76	MAYER, MARK EDWARD 307 W. MAIN ST. BENSON 27504 U OF ILLINOIS	IM AC 82 84 84	STORY, STRATTON ROWLAND P. O. BOX 346 SMITHFIELD 27577 EMORY U	OTO AC 54 59 62
GOODNO, CHARLES CHRISTIAN PO BOX 1007 PRINCETON 27569 U OF NC	FP R 83 85 86	MOHAMED, ADEL WAGDI 415 N. SEVENTH STREET SMITHFIELD 27577 CAIRO U	U AC 65 65 76	WHARTON, C. WATSON 201 W. MEADOWBROOK DRIVE SMITHFIELD 27577 LA STATE U	GP L/RT 37 37 37
HARTMAN, EDWIN LONZO 515 N. EIGHTH STREET SMITHFIELD 27577 U OF BOLOGNA	IM AC 75 78 80	OLSON, ROBERT MORTIMER ROUTE #1, BOX 229-R KENLY 27542 GEO WASHINGTON U	OPH L/RT 32 51 51	WOODALL, LEONARD SCHMICH 711 NORTH STREET SMITHFIELD 27577 U OF NC	OBG AC 56 56 63
IBRAHIM, KAISSAR SLEIMEN 712 WILKINS STREET SMITHFIELD 27577 U OF MONTPELLIER	GS /CDS AC 57 65 66	PEREZ-SELDEN, ALICE R. 601-A BERKSHIRE RD. SMITHFIELD 27577 TEMPLE U	GS AC 79 81 86	WOODARD, BARNEY LEON P. O. BOX 129 KENLY 27542 U OF MARYLAND	GP L 33 33 35
JOHNSON, THOMAS MILTON 709 NORTH STREET SMITHFIELD 27577 U OF NC	FP AC 57 57 62	POTEAU, HUBERT MCNEILL, JR. P. O. BOX 88 SMITHFIELD 27577 JEFFERSON	GS L/RT 40 40 51	WYMAN, ROBERT WEST 110 WADDELL STREET SELMA 27576 U OF MICHIGAN	FP AC 67 68 73
JONES, DONNIE HUE, JR. P. O. BOX 158 PRINCETON 27569 U OF VIRGINIA	GP AC 42 42 47	PREVETTE, JOHN EDGAR 601-A EIGHTH STREET DECEASED - 4-26-87 SMITHFIELD 27577 BOWMAN GRAY	OBG AC 51 51 58	ZEEDICK, JOHN FRANCIS IVAN P. O. BOX 1950 SMITHFIELD 27577 U OF PITTSBURGH	AN /PUD AC 54 55 85
JORDAN, LYNDON KIRKMAN P. O. BOX 760 SMITHFIELD 27577 DUKE	FP AC 61 61 65	RANGAR, JITINDER SINGH P. O. BOX 58 SMITHFIELD 27577 M C OF AMRITSAR	DR /NM AC 64 64 82	ZUBER, THOMAS JOHN PO BOX 699 BENSON 27504 U OF NC	FP AC 83 84 86
	919 934-7687		919 934-8171		919 894-2011

53. LEE COMPONENT SOCIETY

OFFICERS—President: Pamela K. H. Jessup, M.D., 555 Carthage St., Sanford 27330 (919 774-6518)

Secretary: T. Rupert Ainsley, Jr., M.D., 1007 Carthage St., Sanford 27330 (919 774-4343)

AINSLEY, THELLIE RUPERT, JR. 1007 CARTHAGE ST. SANFORD 27330 U OF NC	IM AC 78 81 82	CLINE, ROBERT SEITZ 555 CARTHAGE STREET SANFORD 27330 U OF NC	FP AC 57 57 61	FOUSHEE, JOHN CALDWELL 1710 CARTHAGE ST. SANFORD 27330 BOWMAN GRAY	GS L/RT 44 44 53
ALEXANDER, LAWRENCE MELTON 555 CARTHAGE STREET SANFORD 27330 DUKE	FP AC 52 54 54	COVINGTON, MARTIN CADE 212 W. MAIN STREET SANFORD 27330 MED COLL OF VA	FP AC 50 50 51	GANTT, CHARLES BERNARD, JR. 1606 LORD ASHLEY DR. SANFORD 27330 U OF ALABAMA	DR AC 66 68 76
BEEMER, CHARLES T. PO BOX 1169 1816 DOCTORS' DR. SANFORD 27330 MED U OF SC	ORS AC 74 77 87	COX, STEPHEN HAMPTON 2208 BROOKWOOD TRAIL SANFORD 27330 MED COLL OF VA	FP /A AC 77 84 86	GIBSON, JAMES FRANKLIN 1916 WILKINS DRIVE SANFORD 27330 DUKE	GS /GP AC 56 56 63
BLUE, JOHN FREDERICK P. O. BOX 820 SANFORD 27330 GEO WASHINGTON U	FP AC 51 52 53	DOTTERER, ELIZABETH JAMES 118 HAWKINS AVENUE SANFORD 27330 U OF PENN	IM /GYN L 39 39 44	GOLDMAN, JAMES OSWALD, JR. PO BOX 1597 SANFORD 27331 U OF NC	EM AC 77 78 75
BUTLER, LARRY STEPHEN 1832 DOCTOR'S DR. SANFORD 27330 U OF KENTUCKY	OBG AC 79 79 85	DOTTERER, JOHN EMANUEL 118 HAWKINS AVENUE SANFORD 27330 U OF PENN	GER /FP L 38 46 46	HALL, WILLIAM ERNEST 611 WICKER STREET SANFORD 27330 U OF ILLINOIS	FP AC 73 74 84
BYERLY, JAMES HAMPTON P. O. BOX 340 SANFORD 27330 NORTHWESTERN U	GP L 35 35 38	DUMMIT, ELDON STEVEN, JR. P. O. BOX 1378 SANFORD 27330 VANDERBILT U	PTH AC 59 59 72	HARTNESS, WILLIAM RUFUS, JR. 615 CARR STREET SANFORD 27330 U OF LOUISVILLE	FP L 38 38 39
CHEESBOROUGH, JOHN DAVIDSON 827 S. HORNER BOULEVARD SANFORD 27330 DUKE	D AC 75 77 82	EBKEN, RICHARD KEPPLER P. O. BOX 1169 SANFORD 27330 U OF PITTSBURGH	GS /TS AC 68 68 85	HOWARD, PAUL OSMON 555 CARTHAGE STREET SANFORD 27330 U OF VIRGINIA	FP AC 55 57 57
CILIBERTO, SAMUEL DAVID 101 S. VANCE STREET SANFORD 27330 DOWNSTATE ME CTR	ORS AC 67 68 76	ESPORAS, DEMOSTHENES CAGBALINO 1610 LORD ASHLEY DR. SANFORD 27330 CEBU INST OF MED	U AC 68 72 75	JESSUP, PAMELA KAY H. 555 CARTHAGE ST. SANFORD 27330 BOWMAN GRAY	FP AC 77 79 75
	919 776-0551		919 775-7146		919 774-6518

53. LEE COMPONENT SOCIETY (Continued)

JORDAN, ROBERT CALHOUN, JR. P. O. BOX 1007 SANFORD 27330 U OF NC	R AC 55 55 62 919 776-1210	MACINTOSH, VICTOR HENRY 207 E. MAIN ST. SANFORD 27330 DUKE	FP AC 75 78 85 919 774-6282	PATTERSON, ROBERT WILLIAM 110 FIELDS DR. PO BOX 1860 SANFORD 27330 U OF NC	FP/A AC 78 79 75 919 774-6320
KABASAN, DENNIS CLARK 1951 S. HORNER BLVD. SANFORD 27330 U OF GRAZ	IM AC 77 79 82 919 774-4123	MANGUM, JOHN ROWLAND 555 CARTHAGE ST. SANFORD 27330 U OF NC	FP AC 81 82 86 919 774-6518	REESE, MITCHELL CRAWFORD 555 CARTHAGE STREET SANFORD 27330 MED COLL OF VA	PD AC 77 78 84 919 776-7534
KESLER, ARCHIE DEAN, JR. 109-A S. VANCE STREET SANFORD 27330 MED COLL OF VA	OBG AC 66 66 73 919 775-2304	MCCONVILLE, ROBERT HOWARD, JR. 611 WICKER ST. PO BOX 387 SANFORD 27330 INDIANA U	FP AC 72 73 80 919 774-6023	SIMMONS, JAMES SLATER P. O. BOX 850 SANFORD 27330 MEHARRY MED COLL	FP L/RT 34 34 66 919 775-7425
LELIEVER, WM. CHARLES 1911 K. M. WICKER DR. SANFORD 27330 QUEENS U	OTO AC 74 78 87 919 774-6829	MCLEOD, MARY MARGARET P. O. DRAWER 1047 SANFORD 27330 VANDERBILT U	PD/A L/RT 35 35 46 919 775-7642	SMITH, ERASTUS, JR. 136-A CARBONTON RD. PO BOX 1768 SANFORD 27330 TEMPLE U	IM AC 73 76 80 919 775-5457
LITTLE, DOUGLAS JONATHAN 136-A CARBONTON ROAD SANFORD 27330 U OF NC	IM/CD AC 71 71 80 919 776-0719	NAKAMOTO, RONA KEIKO 722 HIGHLAND DR. SANFORD 27330 TEXAS TECH U	AN AC 83 83 87 919 774-2100	STANTON, EDWARD SPIRES 1816 DOCTORS DR. P. O. BOX 1169 SANFORD 27330 DUKE	GS/TS AC 79 81 84 919 775-7146
LUTTERLOH, ISAAC HAYDEN, JR. P. O. BOX 1269 SANFORD 27330 JEFFERSON	IM AC 52 52 53 919 775-3911	OLRICH, AUGUST M. P. O. BOX 1169 SANFORD 27330 U OF IOWA	GS L 39 47 48 919 775-7146	WHITE, WILLIAM HENRY, JR. 109-A S. VANCE STREET SANFORD 27330 U OF NC	OBG AC 61 61 69 919 775-2304
LUTTERLOH, ISAAC HAYDEN, SR. P. O. BOX 1269 SANFORD 27330 JEFFERSON	IM L 21 21 24 919 775-3911	PATE, MARION BUTLER, III 555 CARTHAGE ST. SANFORD 27330 BOWMAN GRAY	GE/IM AC 81 82 80 919 774-4511	WRIGHT, ROBERT L. 409 CARTHAGE ST. SANFORD 27330 U OF MARYLAND	OPH AC 56 57 83 919 776-7549

54. LENOIR-GREENE COMPONENT SOCIETY

OFFICERS—President: Ray J. Bouzigard, M.D., Doctor's Drive, Kinston 28501 (919 527-7077)

Secretary: Roy N. Everette, M.D., 109 Airport Rd., Kinston 28501 (919 522-4094)

AGSTEN, JOSEPH EDWARD 107 AIRPORT ROAD KINSTON 28501 U OF NC	FP AC 73 73 78 919 527-4146	CLASSEN, CHARLES HENRY, JR. KINSTON CLINIC, NORTH, STE. F KINSTON 28501 U OF MARYLAND	ORS AC 66 75 76 919 522-2020	DUBOSE, JOHN MCNEELY P. O. BOX 1316 KINSTON 28501 JOHNS HOPKINS	TS/GS AC 59 60 68 919 522-1626
ATCHLEY, WILLIAM D. 109 AIRPORT RD. KINSTON 28501 EASTERN VA	IM AC 83 85 86 919 522-3661	COOPER, EDWIN BRANAN, JR. KINSTON CLINIC, NORTH, STE. F KINSTON 28501 DUKE	ORS/PM AC 66 66 78 919 522-2020	DUMAS, MARK NEAL 313 AIRPORT RD. KINSTON 28501 U OF ALABAMA	IM AC 81 82 87 919 522-3072
BAKER, JOAN MARGO 105 AIRPORT RD. KINSTON 28501 U OF NC	OBG AC 79 80 84 919 523-8383	CRAIG, ISAAC ALAN LENOIR MEMORIAL HOSPITAL KINSTON 28501 U OF NC	PTH AC 68 68 76 919 522-7141	EVERETT, ROY NATHAN 109 AIRPORT ROAD KINSTON 28501 EASTERN VA	PUD AC 79 80 84 919 522-4094
BARKER, MARSHALL JAY 400 GLENWOOD AVE. STE. #15 KINSTON 28501 WVA OSTEOP SCH	OBG AC 80 81 84 919 527-7208	CRANZ, OSCAR WILLIAM 1605 DUBOSE DR. PO BOX 1316 KINSTON 28501 MED COLL OF VA	GS L/RT 31 31 36 919 523-3677	FLOURNOY, JOHN EPPES KINSTON CLINIC, NORTH DOCTORS DRIVE KINSTON 28501 MED COLL OF VA	R AC 66 66 71 919 527-7077
BEASLEY, CHARLES BRITTON KINSTON CLINIC, NORTH KINSTON 28501 U OF NC	OTO AC 74 75 79 919 523-0687	DALE, FREDERICK PAYNE P. O. BOX 1316 KINSTON 28501 TEMPLE U	GS RT 46 47 53 919 522-1626	FOGLEMAN, ROSS LEE, JR. KINSTON CLINIC KINSTON 28501 DUKE	FP AC 53 55 55 919 527-7194
BERRY, JOHN, JR. PO BOX 1316, DOCTOR'S DR. KINSTON 28501 HARVARD	GS AC 80 80 87 919 522-1626	DALTON, HORACE MILTON KINSTON CLINIC, NORTH KINSTON 28501 U OF VIRGINIA	OPH L/RT 39 48 48 919 522-1611	FORD, CHARLES PHILLIP, JR. 5216 EMERALD DRIVE EMERALD ISLE, ROUTE #3 MOREHEAD CITY 28557 MED COLL OF VA	OM AC 43 61 61 919 354-3018
BHOTIWIHOK, PREECHA P. O. BOX 1043 KINSTON 28501 U OF ADELAIDE	AN AC 70 75 78 919 522-7800	DALY, JAMES KEARNEY 2711 WESTBROOKE DR. KINSTON 28501 MED COLL OF VA	DR/P AC 65 65 74 919 522-3443	GALPHIN, CLAUDE MABRY 2905 COLONIAL CIRCLE KINSTON 28501 MED U OF SC	NEP AC 80 80 85 919 522-5725
BOUZIGARD, RAY JOSEPH KINSTON CLINIC, NORTH DOCTORS DRIVE KINSTON 28501 LA STATE U	R/TR AC 66 66 76 919 527-7077	DEAN, ROBERT JAMES 2321 STALLINGS DR. KINSTON 28501 ST U OF NY-BUFF	AN AC 47 47 79 919 522-3177	GILMORE, SAMUEL JOSEPH KINSTON CLINIC, NORTH, STE. E KINSTON 28501 INDIANA U	OBG AC 68 68 76 919 522-4333
BRADFORD, SUSAN ELLEN 1802 MARSHBURN CIRCLE KINSTON 28501 BOSTON U	PTH/CLP AC 67 68 82 919 522-7141	DECLERCK, PAUL ALBERT 2503 N. QUEEN STREET KINSTON 28501 U OF BRUXELLES	FP AC 75 78 83 919 522-3717	HAGINS, DAVID MICHAEL KINSTON CLINIC NORTH KINSTON 28501 MED COLL OF GA	OBG AC 81 82 86 919 522-4333
BROOKS, CHARLES MICHAEL KINSTON CLINIC NORTH DOCTORS DR., STE. E KINSTON 28501 BOWMAN GRAY	OBG AC 81 81 79 919 522-3373	DENNIS, PATRICK MICHAEL DOWN EAST EYE CENTER, PA 2104 N. HERRITAGE ST. KINSTON 28501 GEORGETOWN U	OPH AC 76 80 81 919 523-9599	HARPER, MATT CLEVELAND, JR. CHERRY HOSP., CALLER BOX 8000 GOLDSBORO 27530 DUKE	GP AC 53 55 59 919 522-3162
CASEY, DENNIS NELSON KINSTON CLINIC, NORTH KINSTON 28501 U OF NC	DR AC 82 86 81 919 527-7077	DICKSON, ROBERT TRULOCK 806 WESTMINSTER LANE KINSTON 28501 MED COLL OF GA	GE AC 79 80 86 919 522-3072	HENDERSON, JOHN PERCY, JR. 1701 SABRA DR. KINSTON 28501 BOWMAN GRAY	U AC 51 51 53 919 527-3043

54. LENOIR-GREENE COMPONENT SOCIETY (Continued)

HERRING, CHARLES LEONIDAS	IM AC	MYERS, DAN ALLEN	U AC	SALAMEH, KAMAL B.	PD/GP AC
310 GLENWOOD AVENUE	55 55 61	KINSTON CLINIC, NORTH	75 76 82	2415 W. VERNON AVE.	54 55 70
KINSTON 28501		DOCTORS DRIVE		KINSTON 28501	
U OF NC	919 523-0026	KINSTON 28501		AMER.U OF BEIRUT	919 522-1261
HOOD, RICHARD THORNTON, JR.	AI AC	U OF NC	919 527-3043	SENAY, BRUCE ALAN	U AC
1203 COUNTRY CLUB DR.	48 48 55	NYE, SYLVANUS WILLIAM	PTH/CLP AC	KINSTON CLINIC NORTH	79 80 85
KINSTON 28501		700 ROUNDTREE STREET	57 58 66	KINSTON 28501	
BOWMAN GRAY	919 523-2567	KINSTON 28501		MED COLL OF PENN	919 527-3043
HOSEA, ROBERT HAYWOOD	OTO/HNS AC	U OF ROCHESTER	919 522-7141	SPIGNER, PRESCOTT BUSH, JR.	ORS AC
KINSTON CLINIC, SUITE K	73 73 79	PARKER, SAMUEL LESTER, JR.	OBG AC	P. O. BOX 1062	53 58 59
KINSTON 28501		KINSTON CLINIC, NORTH	42 42 50	KINSTON 28501	
TULANE U	919 523-0687	KINSTON 28501		MED U OF SC	919 522-4155
JILCOTT, RUPERT WADSWORTH, III	IM AC	GEO WASHINGTON U	919 522-4333	TEJANO, FELIPE MAZON	U AC
KINSTON CLINIC NORTH, STE. H	74 76 78	PARROTT, WILLIAM THOMAS, JR.	IM L	KINSTON CLINIC,NORTH	63 63 74
KINSTON 28501		905 N. QUEEN STREET	43 43 49	DOCTOR'S DRIVE	
EMORY U	919 522-1404	KINSTON 28501		KINSTON 28501	
KING, MICHAEL BRIAN	CD/IM AC	JOHNS HOPKINS	919 523-4269	U OF PHILIPPINES	919 527-3043
313 AIRPORT ROAD	71 71 78	PATE, EUGENE WESLEY, JR.	ORS AC	THOMPSON, JOHN HARGETT	FP RT
KINSTON 28501		KINSTON CLINIC,NORTH	63 63 70	P. O. BOX 220	59 59 62
U OF NC	919 522-2578	KINSTON 28501		TRENTON 28585	
KNOTT, LAWRENCE H., JR.	GS/CDS AC	U OF NC	919 522-4155	U OF NC	919 448-4321
P. O. BOX 1316	72 72 80	PATRICK, SIMMONS ISLER	R AC	TROUTMAN, BELK CONNOR	GP AC
KINSTON 28501		KINSTON CLINIC, NORTH	50 51 55	P. O. BOX 429	52 52 53
BOWMAN GRAY	919 522-1626	DOCTOR'S DRIVE		GRIFTON 28530	
KROEGER, RICHARD JAMES	GE/IM AC	KINSTON 28501		U OF MARYLAND	919 524-4273
1802 OXFORD ROAD	78 78 84	DUKE	919 527-7077	WARD, JOHN CHARLES	OM RT
KINSTON 28501		PIERCE, HUBERT GAINES	IM/CD AC	410 LAKE PINES DRIVE	54 54 55
SYRACUSE	919 522-0285	313 AIRPORT ROAD	58 58 65	LAGRANGE 28551	
KUNSTLING, CARL RICHARD	EM/GS AC	KINSTON 28501		U OF NC	919 566-3119
720 JONES AVENUE	41 42 76	BOWMAN GRAY	919 522-3072	WEST, GEORGE HARPER	IM/CD AC
KINSTON 28501		PULLY, ROSE	FP L/RT	109 AIRPORT ROAD	67 67 74
U OF IOWA	919 522-7272	318 COLLEGE STREET	51 51 54	KINSTON 28501	
LANGLEY, JOHN THOMAS	ORS AC	KINSTON 28501		BOWMAN GRAY	919 522-3661
KINSTON CLINIC, NORTH, STE. F	55 55 63	U OF PENN	919 523-2569	WILLIAMS, LYNWOOD EARL	IM L/RT
KINSTON 28501		REECE, ORVIL YOUNG, JR.	PD AC	2114 HARDEE ROAD	40 40 43
DUKE	919 522-2020	2509 N. QUEEN ST.	75 75 79	KINSTON 28501	
LAPRADE, BENNETT WATTERSON	OBG AC	KINSTON 28501		U OF PENN	919 522-3753
1901 HAMPTON ROAD	56 63 63	U OF ALABAMA	919 522-0335	WITHERINGTON, DEXTER THOMPSON	GS RT
KINSTON 28501		RIDDICK, GEORGE WALTON, JR.	OPH AC	P. O. BOX 1316	48 48 55
U OF VIRGINIA	919 527-7605	KINSTON CLINIC, NORTH	66 66 72	KINSTON 28501	
LITTLE, EDWIN PAUL	FP AC	KINSTON 28501		HARVARD	919 522-1626
P. O. BOX 415	80 81 87	U OF VIRGINIA	919 522-1611	WITHERS, SYDNOR TERRY, SR.	D AC
PINK HILL 28572		SABISTON, FRANK, JR.	GS/TS AC	905 N. QUEEN STREET	45 46 56
JEFFERSON	919 568-4111	KINSTON CLINIC, NORTH	64 64 71	KINSTON 28501	
MCGIRT, MURPHY FRANK, JR.	ORS AC	BOX 1316		MED COLL OF VA	919 523-3289
KINSTON CLI., NORTH	64 64 72	KINSTON 28501		WOOTEN, CECIL WILLIAM, JR.	GP L/RT
KINSTON 28501		U OF NC	919 522-1626	P. O. BOX 1577	45 45 48
U OF NC	919 522-4155	SABISTON, WALTER ROBERTS	OTO AC	KINSTON 28501	
MINTZ, RUDOLPH IVEY, JR.	OBG AC	KINSTON CLINIC,NORTH, STE. K	67 67 78	HARVARD	919 523-3496
1906 STANTON ROAD	67 67 74	KINSTON 28501		WRIGHT, WALTER LEE	OPH AC
KINSTON 28501		U OF NC	919 523-0687	1908 ELEANOR ST.	80 80 86
U OF NC	919 522-3373			KINSTON 28501	
				U OF NC	919 522-1611

55. LINCOLN COMPONENT SOCIETY

OFFICERS—President: John R. Gamble, M.D., 108 Doctors' Park, Lincolnton 28092 (704 735-3023)

Secretary: Edwin T. Holloway, M.D., Lincoln Co. Hospital, Box 677, Lincolnton 28092

ARI, ABDULLAH NECIP	OBG AC	CROWELL, GORDON CAMERON	IM AC	GRIGGS, BOYCE POWELL	FP AC
300 LABANS LANE	54 75 75	ROUTE #4, BOX 999	57 57 57	334 W. SYCAMORE STREET	43 43 46
LINCOLNTON 28092		LINCOLNTON 28092		LINCOLNTON 28092	
U OF ANKARA	704 732-0777	U OF NC	704 735-1430	BOWMAN GRAY	704 735-5151
CANADAY, MAURICE LEWIS	FP/CD AC	CRUMLEY, CHARLES EDWIN	IM AC	LAWING, DANIEL PHILMON	GP AC
110 DOCTOR'S PARK	58 58 63	P. O. BOX 1309	70 70 76	212 E. WATER STREET	62 62 64
PO BOX 578		LINCOLNTON 28093		LINCOLNTON 28092	
LINCOLNTON 28092		U OF NC	704 735-3081	U OF NC	704 735-5888
U OF NC	704 735-7413	CRUZ, CORAZON SAMODIO	R/GP AC	LEE, JOSEPH DAVID	R AC
CHANG, JOHN SHYUEYI	OBG AC	ROUTE #2, BOX 310	61 61 83	P. O. BOX 954	68 69 78
P. O. BOX 715	71 71 79	LINCOLNTON 28092		LINCOLNTON 28092	
LINCOLNTON 28092		FAR EAST U	704 435-4586	TEMPLE U	704 735-6654
KAOHSIUNG M COLL	704 732-3346	FARLEY, DYER JACKSON, JR.	GS AC	LEE, YING HUEY	GS AC
COLTON, SHARON ANN	IM AC	P. O. BOX 757	55 55 71	P. O. BOX 636	66 66 76
PO BOX 1566	70 72 86	LINCOLNTON 28092		LINCOLNTON 28092	
1446 E. GASTON ST.		LA STATE U	704 735-0481	KAOHSIUNG ME COL	704 735-2554
LINCOLNTON 28092		FITZGERALD, JOHN HILL	GP/PD L	MOFRAD, ALI SABOORTINAT	PD/PHO AC
U OF OREGON	704 732-3348	626 CLARK DRIVE	38 40 41	P. O. BOX 1160	66 76 82
CRONLAND, MURPHY ALAN	GP AC	LINCOLNTON 28092		LINCOLNTON 28093	
P. O. BOX 488	55 55 59	U OF VIRGINIA	704 735-8257	U OF TEHRAN	704 735-1441
LINCOLNTON 28092		GAMBLE, JOHN REEVES, JR.	GS/GP AC	REID, ROBERT LEARY	FP/CD AC
U OF NC	704 735-3048	P. O. BOX 250	46 46 46	110 DOCTOR'S PARK	54 54 59
		LINCOLNTON 28092		P. O. BOX 578	
		U OF MARYLAND	704 735-3023	LINCOLNTON 28092	
				BOWMAN GRAY	704 735-7414

55. LINCOLN COMPONENT SOCIETY (Continued)

REID, ROBERT LEARY, JR.	FP AC	SMITH, THOMAS WARREN	IM AC	WILSON, SAMUEL ALLEN	GP L/RT
110 DOCTOR'S PARK	79 81 83	P. O. BOX 1510	64 65 78	710 E. PARK DR.	37 37 40
P. O. BOX 578		LINCOLNTON 28092		LINCOLNTON 28092	
LINCOLNTON 28092		ST U OF NY-BUFF	704 735-6939	EMORY U	704 735-8548
BOWMAN GRAY	704 735-7413				

56. MACON-CLAY COMPONENT SOCIETY

OFFICERS—President: Garland King, M.D., Wayah Medical Group, Franklin 28734 (704 524-4427)

Secretary: Trent Johnson, M.D., Angel Community Hosp., Franklin 28734

BAUMRUCKER, JOHN FREDERICK	FP AC	FISHER, ERNEST WOODROW	FP L/RT	MANGUM, CARLYLE THOMAS, JR.	GP AC
P. O. BOX 1060	70 70 70	102 GEORGIA ROAD	41 41 47	P. O. BOX 429	47 47 49
HIGHLANDS 28741		FRANKLIN 28734		HIGHLANDS 28741	
U OF CINCINNATI	704 526-2125	MED U OF SC	704 524-5752	HARVARD	704 526-2125
BERGER, FREDERICK ALLEN	PD AC	HARMON, DORALEA RYLE	FP AC	MARTONE, ARLENE RAE	OBG AC
28 RIVERVIEW STREET, #114	72 72 75	P. O. BOX 1329	50 62 63	28 RIVERVIEW ST., STE. 110	72 73 84
FRANKLIN 28734		FRANKLIN 28734		FRANKLIN 28734	
ST LOUIS U	704 524-8474	U OF WISCONSIN	704 524-5070	LOMA LINDA U	704 335-0064
CHOI, SAN HO	GS AC	KAHN, JOSEPH WILLIAM	FP L/RT	MORRIS, EDWIN LEE	FP AC
102 DOCTORS BUILDING	63 64 73	P. O. BOX 147	42 42 46	8 RIVERVIEW ST., STE. 201	74 78 79
FRANKLIN N C 28734		FRANKLIN 28734		FRANKLIN 28734	
YONSEI U	704 524-7464	U OF CINCINNATI	704 524-4427	U OF NC	704 369-9531

57. MADISON COMPONENT SOCIETY

OFFICERS—President: William E. Powell, Jr., M.D., 1 Chestnut St., Mars Hill 28754 (704 689-2581)

Secretary: Lawrence T. Sprinkle, M.D., P.O. Box 218, Weaverville 28787 (704 645-3031)

CATALANO, PHILIP M.	D AC	DUCK, WALTER OTIS	FP L/RT	POWELL, WILLIAM ERNEST, JR.	GP AC
1416 59TH ST. WEST	60 81 86	DRAWER 729	43 43 46	1 CHESTNUT STREET	50 50 52
BRADENTON, FL 33529		MARS HILL 28754		MARS HILL 28754	
U OF PENN	792 293-4000	HAHNEMANN	704 689-2411	JEFFERSON	704 689-2581

59. McDOWELL COMPONENT SOCIETY

OFFICERS—President: Paul T. Yun, M.D., 42 Fleming Ave., Marion 28752 (704 652-3351)

Secretary: Nisha Patel, M.D., 100 Medical Court, Marion 28752

ALI, SHAMSHAD	PD /NPM AC	ELLIS, GEORGE GREENE	FP AC	RUDD, EUGENE GREGORY	OBG AC
1200 MEDICAL CTR. #B	60 74 76	P. O. BOX 789	62 65 66	PO BOX 1413	77 82 86
MARION 28752		OLD FORT 28762		MEDICAL COURT SOUTH	
PRINCE OF WALES	704 652-6386	U OF LOUISVILLE	704 668-7694	MARION 28752	
ALLEN, JOHN O. HENRY	FP /IM AC	MCCALL, MICHAEL ALVIN	FP AC	MED U OF SC	704 652-3019
31 STATE ST.	51 51 53	P. O. BOX 1229	52 53 56	TOPPLE, ANE MARIE	D AC
PO BOX 1189		MARION 28752		600-B MEDICAL COURT	55 57 85
MARION 28752		DUKE	704 433-2492	MARION 28752	
BOWMAN GRAY	704 652-5251			U OF OSLO	
CHUNG, JOSEPH YANGSOO	GS /GP AC	MCENTIRE, JERRILL LEE	FP AC	TOPPLE, STANLEY CRAIG	ORS AC
1200 MEDICAL COURT	66 72 73	DRAWER 789	71 71 74	600-B MEDICAL COURT	57 57 82
MARION 28752		OLD FORT 28762		MARION 28752	
SEOUL NATL U	704 652-5818	U OF NC	704 668-7694	EMORY U	704 652-3310
DENUNA, VICENTE BOGADOR	GS /ABS AC	MCINTOSH, ARCHIBALD NOCK	GP AC	YUN, PAUL TAJEN	GP AC
28 N. LOGAN STREET	64 73 74	219 S. MAIN STREET	44 48 48	PO BOX 1284	68 75 77
MARION 28752		MARION 28752		MARION 28752	
U OF SANTO TOMAS	704 652-5797	DUKE	704 652-4211	U OF SINGAPORE	704 652-3351
DIOQUINO, RENATO MERCADO	IM /PUD AC	RAGAZ, FLORIAN JOHN	GP /CD AC		
240 S. MAIN STREET	64 74 76	315 E. COURT STREET	49 50 54		
MARION 28752		MARION 28752			
U OF SANTO TOMAS	704 652-2214	U OF WISCONSIN	704 652-4420		

60. MECKLENBURG COMPONENT SOCIETY

OFFICERS—President: Luther W. Kelly, M.D., 1350 S. Kings Dr., Charlotte 28207 (704 372-8750)

Secretary: Donald Schumacher, M.D., 335 N. Caswell Rd., Charlotte 28204 (704 376-4852)

Executive Director: Carolyn Scruggs, 1012 Kings Dr., Ste. 904, Charlotte 28283 (704 376-3688)

ADCOCK, JIMMIE WARREN	IM AC	ALBERGOTTI, JULIAN S., JR.	OM /FP AC	ALEXANDER, JAMES FROSST	IM /GE AC
217 TRAVIS AVE.	82 83 82	SOUTHERN BELL MED. DEPT.	55 55 58	3535 RANDOLPH ROAD	63 63 70
CHARLOTTE 28204		ROOM 414 SNC-PO BOX 30188		CHARLOTTE 28211	
U OF NC	704 372-3350	CHARLOTTE 28230		MCGILL U	704 365-0760
ADICKES, GEORGE CARTWRIGHT	IM AC	ALBRIGHT, HAROLD DOWE, III	IM AC	ALEXANDER, JAMES MOSES	IM L/RT
1100 BLYTHE BOULEVARD	45 45 78	1851 E. THIRD ST., SW #101	82 83 80	255 COLVILLE RD.	34 34 37
CHARLOTTE 28203		CHARLOTTE 28204		CHARLOTTE 28207	
MED U OF SC	704 338-4330	EAST CAROLINA U	704 333-4175	MCGILL U	704 365-0760
ADKINS, HENRY THOMAS, JR.	R AC	ALEXANDER, HENRY C., JR.	IM /PUD RT	ALEXANDER, JAMES PORTER	IM /OM AC
2114 MARRYAT COURT	65 65 73	5136 STRAWBERRY HILL DR.	49 53 56	DUKE POWER COMPANY	50 50 56
CHARLOTTE 28211		CHARLOTTE 28211		P. O. BOX 33189	
MED COLL OF GA	704 371-4056	DUKE	704 366-6499	CHARLOTTE 28242	
				U OF PENN	704 373-4329

60. MECKLENBURG COMPONENT SOCIETY (Continued)

ALLEN, FRED HUNTLEY, JR. 2608 E. SEVENTH ST. CHARLOTTE 28204 COLUMBIA U	N AC 59 59 65 704 377-9323	BARHAM, BERLIN FRANCIS, JR. 301 HAWTHORNE LANE CHARLOTTE 28204 U OF NC	CDS /TS AC 71 71 78 704 375-8413	BLACK, JAMES HAMPTON 125 BALDWIN AVE. CHARLOTTE 28204 BOWMAN GRAY	IM /NEP AC 63 63 69 704 374-1696
ALMQUIST, PERRY F. 1700 ABBEY PLACE CHARLOTTE 28209 U OF VIRGINIA	PD AC 82 85 87 704 523-7232	BARRETT, GEORGE CARLYLE 958 CHEROKEE ROAD CHARLOTTE 28207 BOWMAN GRAY	R AC 52 52 56 704 371-4056	BLANK, ROY CRARY 335 N. CASWELL RD. CHARLOTTE 28204 U OF MARYLAND	IM AC 72 72 87 704 376-4852
ALPERT, ERIC DAVID 3535 RANDOLPH ROAD CHARLOTTE 28211 DUKE	R AC 71 71 80 704 365-0343	BARRETT, JOHN ALBERT, JR. 3535 RANDOLPH ROAD, #200 CHARLOTTE 28211 DUKE	IM /RHU AC 54 54 73 704 366-8240	BLOUNT, CHARLES WHITNER, JR. 6708 ALBEMARLE ROAD CHARLOTTE 28212 MED COLL OF GA	FP AC 73 75 76 704 536-4903
ALTANY, FRANKLIN EDWARD 2027 RANDOLPH ROAD CHARLOTTE 28207 DUKE	PS AC 52 57 57 704 377-3091	BARRINGER, THOMAS AVERY, III 10724 PARK ROAD, EXT. CHARLOTTE 28210 U OF NC	FP AC 79 80 83 704 542-6577	BOATRIGHT, JAMES RICHARD 1822 BRUNSWICK AVENUE CHARLOTTE 28207 WASHINGTON U	HS /ORS AC 66 66 74 704 373-0544
ANDERSON, JAMES DICK 1023 EDGEHILL ROAD, SOUTH CHARLOTTE 28207 U OF FLORIDA	OBG AC 63 63 72 704 373-1541	BARTOLT, CURTIS FREDERICK 6725 FAIRVIEW ROAD CHARLOTTE 28210 TEMPLE U	FP AC 53 54 75 704 365-0677	BOEHM, O. ROBERT 1012 KINGS DR., STE. 302 CHARLOTTE 28283 U OF KANSAS	A /IM AC 73 74 77 704 332-7731
ANDERSON, RICHARD DAWSON 2001 VAIL AVE. CHARLOTTE 28207 COLUMBIA U	R /NM AC 60 63 78 704 379-5860	BARTHOLOMEW, CYNTHIA L. 7108 PINEVILLE-MATTHEWS RD. CHARLOTTE 28226 HAHNEMANN	PD AC 82 83 87 704 542-1952	BOGGS, LAWRENCE KENNEDY 1012 KINGS DRIVE CHARLOTTE 28283 JEFFERSON	U AC 49 54 56 704 333-3825
ANDREWS, D. SCOTT 1900 RANDOLPH RD. STE. 206 CHARLOTTE 28207 OHIO STATE U	CDS /TS AC 75 75 84 704 372-1306	BARTON, FORBES MARSHALL, JR. 2115 E. 7TH ST., STE. 103 CHARLOTTE 28204 U OF TENNESSEE	GS AC 63 63 71 704 375-3728	BOLON, CHARLES GORDON 2711 RANDOLPH RD., STE. 512 CHARLOTTE 28207 OHIO STATE U	GYN AC 48 56 56 704 333-4104
ANDRINPOULOS, GEORGE C. 1900 RANDOLPH RD. STE. 804 CHARLOTTE 28207 U OF ATHENS	OBG /NPM AC 66 66 84 704 372-5800	BAUCOM, MARY PADGETT PO BOX 32861 CHARLOTTE 28232 U OF NC	IM AC 80 81 84 704 338-3165	BOLZ, EVERETT ARTHUR 1350 KINGS DRIVE CHARLOTTE 28207 OHIO STATE U	OTO AC 66 66 73 704 372-8750
ARMSTRONG, BEVERLY WELLER 3034 HAMPTON RD. CHARLOTTE 28207 SYRACUSE	OT L/RT 41 48 49 704 377-2267	BEARD, JOHN NICHOLS 1350 KINGS DRIVE CHARLOTTE 28207 U OF NC	OM /PD AC 64 64 70 704 372-8750	BONGARDT, HENRY F., JR. 7234 LANCER DRIVE CHARLOTTE 28226 U OF MARYLAND	IM /A AC 56 56 70 704 364-6812
ARNOLD, ROBERT EDGAR 10724 PARK RD. CHARLOTTE 28210 U OF MISSISSIPPI	FP AC 73 73 79 704 542-6577	BEDRICK, JAMES JOSEPH 1900 RANDOLPH RD., STE. 1016 CHARLOTTE 28207 U OF NC	OPH AC 77 79 83 704 334-2020	BONNER, STEVEN PAUL 211 S. SHARON AMITY RD. CHARLOTTE 28211 U OF ARKANSAS	FP AC 79 79 86 704 663-0261
ASRAEL, GERSON 1350 KINGS DRIVE CHARLOTTE 28207 U OF MARYLAND	U AC 59 66 70 704 372-8750	BELL, MICHAEL JOHN 2001 VAIL AVENUE CHARLOTTE 28207 U OF MINN	R /NM AC 63 63 72 704 379-5860	BOS, JOHN FREMONT P. O. BOX 220349 CHARLOTTE 28222 MED COLL OF VA	PTH /CLP AC 51 55 57 704 846-2552
AUSTIN, WALTER KENNETH, JR. 1960 RANDOLPH ROAD CHARLOTTE 28207 MED COLL OF GA	CD AC 77 78 83 704 373-1503	BELL, RALPH MONROE 8223 BONDS GROVE CHURCH RD. WAXHAW 28173 JEFFERSON	IM L/RT 41 41 49 704 377-6569	BOURGEOIS, JOHN ELLIOTT 1600 E. THIRD ST. CHARLOTTE 28204 U OF VIRGINIA	OPH AC 79 82 85 704 372-3300
BACH, PHILIP JOHN 120 PROVIDENCE ROAD CHARLOTTE 28207 U OF WISCONSIN	ORS AC 66 66 71 704 377-0351	BELLOWS, ROWLAND THOMPSON 3529 PARK ROAD CHARLOTTE 28209 CORNELL U	NS L/RT 30 40 41 704 364-7037	BOX, PATRICK 2310 RANDOLPH ROAD CHARLOTTE 28207 U OF FLORIDA	RHU /IM AC 73 74 85 704 373-0544
BAIRD, HARRY HAYNES 1012 KINGS DRIVE CHARLOTTE 28283 WASHINGTON U	U L 42 42 44 704 334-6449	BENEDUM, JOHN LOYLE 7110 LAWYERS RD. CHARLOTTE 28212 WEST VA U	IM AC 73 75 78 704 364-7037	BOYD, BASIL MANLY, JR. 1822 BRUNSWICK AVENUE CHARLOTTE 28207 BOWMAN GRAY	ORS AC 53 53 58 704 373-0544
BAKER, DAVID STANFORD, II 2600 E. 7TH ST. PO BOX 35228 CHARLOTTE 28235 U OF ARKANSAS	ORS /HS AC 76 77 82 704 372-9820	BENJAMIN, EUGENE E. 2115 E. 7TH ST., SUITE #101 CHARLOTTE 28204 MCGILL U	N AC 78 85 86 704 364-0057	BOYD, JAMES FRANCIS 125 BALDWIN AVE. CHARLOTTE 28204 DUKE	IM /ON AC 74 76 85 704 374-1696
BAKER, JOHN WOODWARD CHARLOTTE MEMORIAL HOSPITAL P. O. BOX 32861 CHARLOTTE 28232 U OF VIRGINIA	EM /IM AC 71 71 75 704 338-3181	BENJAMIN, SANFORD PHILIP 2001 VAIL AVE. CHARLOTTE 28207 WAYNE STATE U	PTH /CLP AC 68 68 78 704 379-5982	BOYLSTON, JAMES ALAN PRESBYTERIAN HOSP.-PTH P. O. BOX 33549 CHARLOTTE 28233 DUKE	PTH AC 69 69 75 704 371-4814
BALE, CHARLES STEPHEN 2620 CELANESE RD. #H ROCK HILL, SC 29730 U OF LOUISVILLE	OBG R 82 82 83 803 324-7606	BENNETT, WILLIAM TYSON 3626 LATROBE DR. CHARLOTTE 28211 TULANE U	CD /IM AC 65 65 73 704 364-0057	BRABSON, JOHN ANDERSON 1900 RANDOLPH RD. STE. 1004 CHARLOTTE 28207 HARVARD	GS /GYN L 39 43 44 704 333-0611
BALLARD-BARBASH, RACHEL M. 1900 BRUNSWICK AVE. CHARLOTTE 28207 U OF MICHIGAN	NTR AC 80 81 87 704 372-8750	BERKOWITZ, GERALD PHILLIP 200 HAWTHORNE LANE P. O. BOX 33549 CHARLOTTE 28233 U OF TENNESSEE	PD /NPM AC 74 74 85 704 371-4025	BRADFORD, EDWARD AYERS 201 E. MATTHEWS STREET MATTHEWS 28105 U OF FLORIDA	IM AC 76 79 81 704 365-0760
BALLENTYNE, KEITH PO BOX 36351 1620 SCOTT AVE. CHARLOTTE 28236 U OF EDINBURGH	AN AC 58 00 86 704 377-5772	BERRYHILL, BRUCE HOLT 1600 E. THIRD STREET CHARLOTTE 28204 U OF NC	OTO AC 64 64 72 704 372-3300	BRADFORD, WILLIAMSON Z., JR. 150 PROVIDENCE ROAD CHARLOTTE 28204 U OF PENN	OBG AC 57 57 62 704 377-0461
BARBASH, ANDREW JEFFREY 1900 BRUNSWICK AVE. CHARLOTTE 28207 NORTHWESTERN U	N AC 81 82 87 704 377-9323	BIGHAM, ROY STINSON, JR. 4000 MCKEE ROAD MATTHEWS 28105 U OF VIRGINIA	IM L/RT 41 41 46 704 846-2233	BRAWLEY, BOBBY WATSON 1010 EDGEHILL RD, NORTH CHARLOTTE 28207 U OF NC	NS AC 59 59 72 704 376-1605
		BLACK, EDWARD BARNWELL 3535 RANDOLPH RD., STE 102 CHARLOTTE 28211 DUKE	R AC 70 70 81 704 365-0343	BRENIZER, ADDISON GORGAS, JR. 1333 QUEENS RD. #101 CHARLOTTE 28207 HARVARD	GS /TS L 40 48 48 704 376-4942

60. MECKLENBURG COMPONENT SOCIETY (Continued)

BREWSTER, VANN ALLEN DUKE POWER COMPANY P. O. BOX 33189 CHARLOTTE 28242 MED COLL OF GA	OM AC 60 60 84 704 373-6192	CAMPBELL, JAMES ARCHIBALD 1955 RANDOLPH ROAD CHARLOTTE 28207 U OF NC	OBG AC 60 60 69 704 376-3536	CLINTON, HOWARD LESLIE, JR. 2001 VAIL AVE. CHARLOTTE 28207 EMORY U	FP/EM AC 73 74 79 704 379-5917
BRITTIAN, LOWELL ELLIS 1900 CLOISTER DRIVE CHARLOTTE 28211 U OF MARYLAND	GP AC 52 52 54 704 366-1809	CARMICHAEL, DENNIS D. 2711 RANDOLPH RD., STE. 205 CHARLOTTE 28207 U OF ABERDEEN	CHP/P AC 50 57 58 704 372-5238	CLONINGER, TIMOTHY EARL P. O. BOX 35291 CHARLOTTE 28235 U OF NC	TR AC 66 66 76 704 338-2272
BROOKS, WILLIAM LESTER, JR. 1851 E. THIRD STREET CHARLOTTE 28204 DUKE	IM/RHU AC 47 48 55 704 333-4175	CARTER, COLEMAN DELYNNE 217 TRAVIS AVENUE CHARLOTTE 28204 U OF NC	IM AC 71 71 76 704 372-3350	CLONTZ, TED HAMILTON 402 E. SUGARCREEK RD. CHARLOTTE 28213 BOWMAN GRAY	FP AC 80 83 81 704 596-0822
BROWN, ANN CARLSON 1900 RANDOLPH RD., STE. 900 CHARLOTTE 28207 CASE WESTERN RES	P/CHP AC 56 56 82 704 333-7722	CAUDLE, JOHN ALLEN 1900 RANDOLPH RD., STE. 918 CHARLOTTE 28207 BOWMAN GRAY	P AC 67 67 72 704 333-7722	CLOUD, WILLIAM GRAYDON 3535 RANDOLPH RD., STE. 201-W CHARLOTTE 28211 U OF VIRGINIA	GS/CDS AC 77 77 84 704 364-8100
BROWN, CHARLES WILLIAM 2127 QUEENS ROAD, EAST CHARLOTTE 28207 GEORGETOWN U	GYN/OBS L/RT 41 41 46 704 333-9852	CAUGHNAN, JOHN HAMILTON 120 PROVIDENCE ROAD CHARLOTTE 28207 INDIANA U	ORS AC 51 58 59 704 377-0351	COBEY, WILLIAM GRAY 2024 RANDOLPH ROAD CHARLOTTE 28207 DUKE	PD AC 53 56 56 704 375-4453
BROWN, RONALD LAUCLIN 2711 RANDOLPH RD. STE. 305 CHARLOTTE 28207 MED U OF SC	OBG AC 74 75 84 704 372-8020	CHAMBERS, KENNETH HENLEY 700 E. STONEWALL ST., STE. 220 CHARLOTTE 28202 MEHARRY MED COLL	OBG AC 59 60 67 704 377-0711	COHEN, ARTHUR R. 200 HAWTHORNE RD. PRESBYTERIAN HOSPITAL CHARLOTTE 28211 BAYLOR	PTH AC 77 77 86 704 371-4814
BROWN, VASCUE O'NEIL 3532 MOUNTAINBROOK ROAD CHARLOTTE 28210 BOWMAN GRAY	P AC 65 65 71 704 553-1179	CHAMBLEE, DONALD VANCE 211 S. SHARON AMITY ROAD CHARLOTTE 28211 U OF TENNESSEE	FP AC 56 56 61 704 366-7586	COLLAWN, THOMAS HERBERT 1901 RANDOLPH RD. CHARLOTTE 28207 U OF MARYLAND	AN AC 56 59 61 704 366-5311
BROWNING, DAVID JUDSON 1600 E. THIRD ST. CHARLOTTE 28204	OPH AC 81 82 87 704 371-3138	CHANDLER, JOE THURSTON 928 BAXTER STREET CHARLOTTE 28204 MED U OF SC	NEP/IM AC 63 63 72 704 374-1321	CONARD-CORKEY, ELIZABETH M. 519 HERMITAGE COURT CHARLOTTE 28207 U OF MICHIGAN	PH/GPM L 29 48 49 704 375-7831
BRYAN, WILLIAM BLAIR 1700 ABBEY PLACE CHARLOTTE 28209 DUKE	PD AC 56 56 62 704 523-7232	CHAPLIN, CHARLES HAL 2215 RANDOLPH ROAD CHARLOTTE 28207 JEFFERSON	PS/GS AC 53 53 54 704 372-6846	CONARD, DAVID LLOYD BLACK RIVER HEALTH CENTER ATKINSON 28421 U OF ROCHESTER	IM AC 81 82 85 919 283-7783
BRYANT, WILLIAM FRANKLIN, JR. 1700 ABBEY PLACE CHARLOTTE 28209 DUKE	PD AC 58 58 63 704 523-7232	CHAPMAN, CHARLES GRANGER 6134 DEVERON DRIVE CHARLOTTE 28211 MED U OF SC	BLB RT 40 57 57 704 366-2057	COOK, JOSEPH WILLIAM 1960 RANDOLPH ROAD CHARLOTTE 28207 DUKE	TS/CDS AC 68 68 75 704 373-1500
BULLINGTON, WALTER GRAHAM 4335 COLWICK RD. CHARLOTTE 28211 MED COLL OF VA	OPH/AM AC 57 65 66 704 364-7400	CHAPMAN, GEOFFREY SEWALL 2400 CLOISTER DR. CHARLOTTE 28211 U OF CALIF-LA	HEM/ON AC 75 76 87 704 372-8750	COPELAND, DONALD LEE ROUTE #1 DAVIDSON 28036 U OF NC	FP AC 63 63 66 704 892-3723
BULLOCK, WILLIAM ROBERT 217 TRAVIS AVENUE CHARLOTTE 28204 U OF TENNESSEE	IM/OM AC 68 68 72 704 372-3350	CHAPMAN, TODD MASTERS 1822 BRUNSWICK AVE. CHARLOTTE 28207 BOWMAN GRAY	ORS AC 79 79 77 704 373-0544	COPPEDGE, THOMAS OLIVER, JR. 1900 RANDOLPH RD. CHARLOTTE 28207 BOWMAN GRAY	DR AC 47 47 51 704 376-5597
BURGESS, WILLIAM PATRICK 928 BAXTER STREET CHARLOTTE 28204 U OF MIAMI	NEP/IM AC 77 78 83 704 374-1321	CHEN, TONG YONG PO BOX 33549 CHARLOTTE 28233 KAHSIUNG M COLL	AN AC 68 76 79 704 371-4049	CORLEY, ROBERT WILLIAM 2700 COUNTRY CLUB LN. CHARLOTTE 28205 U OF MICHIGAN	IM/CD AC 46 46 71 704 331-9877
BURKE, PATRICK 5950 FAIRVIEW RD. STE. 100 3 FAIRVIEW PLAZA CHARLOTTE 28210 HAHNEMANN	PD AC 77 78 86 704 551-4200	CHEWNING, SAMUEL JACKSON, JR. 1822 BRUNSWICK AVE. CHARLOTTE 28207 U OF KENTUCKY	ORS AC 79 80 84 704 372-9820	COUNCIL, JOHN CROMARTIE, JR. 1851 E. THIRD ST., STE. 103 CHARLOTTE 28204 U OF NC	PD AC 61 61 68 704 333-6659
BURNS, STANLEY SHERMAN, JR. 1600 E. THIRD STREET CHARLOTTE 28204 HARVARD	OTO AC 48 54 55 704 372-3300	CHILDERS, MELVIN DAVIS, JR 1928 RANDOLPH RD., STE. 109 CHARLOTTE 28207 MED COLL OF VA	OPH AC 58 62 62 704 372-3070	CRADDOCK, LARRY WAYNE 449 N. WENDOVER RD. CHARLOTTE 28211 U OF ALABAMA	OBG AC 72 73 80 704 376-0360
BURQUEST, BRET 9600 PINEVILLE-MATTHEWS RD. PO BOX 39 PINEVILLE 28134 U OF MIAMI	P AC 61 61 86 704 541-0800	CHRISTOPHER, WILLIAM EDWARD, JR 242 S. COLONIAL AVE. CHARLOTTE 28207 BOWMAN GRAY	P AC 61 61 68 704 375-4405	CRAIN, JACK LEE PO BOX 32861 CHARLOTTE 28232 U OF ARKANSAS	GYN/END AC 66 66 85 704 372-4600
BURKE, PATRICK 9600 PINEVILLE-MATTHEWS RD. PO BOX 39 PINEVILLE 28134 U OF MIAMI	P AC 61 61 86 704 541-0800	CHRYSLER, CHARLES OTIS 3894 E. INDEPENDENCE BLVD. CHARLOTTE 28205 OHIO STATE U	FP AC 56 60 60 704 537-5424	CRANDALL, ROBERT GORDON 1900 RANDOLPH RD. STE. 900 CHARLOTTE 28207 DALHOUSIE U	P AC 56 56 82 704 333-7722
BUTER, THOMAS HENRY 120 PROVIDENCE ROAD CHARLOTTE 28207 U OF MICHIGAN	ORS AC 75 76 81 704 377-0351	CITRON, DAVID SANFORD P. O. BOX 32861 CHARLOTTE 28232 WASHINGTON U	IM/FP AC 44 52 53 704 338-3146	CRIVEN, DALLAS CLIFFORD, JR. 2104 RANDOLPH ROAD CHARLOTTE 28207 U OF NC	GS AC 75 79 80 704 377-3900
BYRNE, JOHN JACOB PO BOX 32861 CHARLOTTE 28232 ALBANY MED COLL	AN AC 78 79 83 704 338-2372	CLARK, JOHN BLUE, JR. 3830 SILVERBELL DR. CHARLOTTE 28211 VANDERBILT U	EM/IM AC 73 74 79 704 371-4160	CULP, JOHN HARRY, JR. 401 S. SHARON AMITY ROAD CHARLOTTE 28211 LOMA LINDA U	GYN AC 61 64 71 704 365-0110
CALABRETTA, ARTHUR MATTHEW 1012 KINGS DR., STE. 706 CHARLOTTE 28283 PENN STATE U	PS AC 75 76 82 704 333-7791	CLARK, WILLIAM MACKAY 647 LLEWELLYN PLACE CHARLOTTE 28207 HARVARD	R AC 71 72 78 704 371-4058	CULPEPPER, FRED CARROLL, III 1851 E. THIRD ST., STE. 103 CHARLOTTE 28204 LA STATE U	PD AC 67 67 73 704 333-6659
CALLAWAY, CLIFFORD KAY 4600 HOLBROOK DR. CHARLOTTE 28212 U OF OKLAHOMA	EM AC 70 71 79 704 588-3418	CLEGG, HERBERT WILLIAMS, II 2711 RANDOLPH RD. STE. 501 CHARLOTTE 28207 DUKE	PD/ID AC 75 76 83 704 374-1747	CULTON, JULIAN CLARK 1600 E. THIRD STREET CHARLOTTE 28204 DUKE	OPH AC 56 56 63 704 372-3300

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CURRY, CLAYTON SMITH 1309 PLAZA CHARLOTTE 28205 U OF TENNESSEE	GYN L 44 46 50 704 376-5698	DOWNS, POSEY EDGAR, JR. 1928 RANDOLPH ROAD CHARLOTTE 28207 BOWMAN GRAY	OBG AC 52 52 56 704 376-1612	FARNHAM, ROBERT, III PRESBYTERIAN HOSP PATHOLOGY DEPT. CHARLOTTE 28233 U OF PENN	PTH AC 74 75 74 704 371-4814
CUTTINO, JOHN TINDAL 101 HIGHLAND FOREST DRIVE MATTHEWS 28105 MED U OF SC	PTH L/RT 36 49 65 704 847-4957	DUDLEY, ALLISON JOHNSON 2317 RANDOLPH ROAD CHARLOTTE 28207 U OF NC	PD AC 78 79 77 704 376-5572	FEDOR, JOHN MICHAEL 1960 RANDOLPH ROAD CHARLOTTE 28207 DUKE	CD /IM AC 76 76 84 704 373-1500
DALTON, CLAUDETTE ELLIS HARLOE 3205 GLEN TERRACE CHARLOTTE 28211 U OF VIRGINIA	AN AC 74 82 83 704 364-6228	DULIN, THOMAS LEROY 200 GREENWICH RD. CHARLOTTE 28211 DUKE	FP AC 57 57 61 704 366-5002	FEE, BRUCE EDGAR 1350 S. KINGS DRIVE CHARLOTTE 28207 CREIGHTON U	R AC 72 73 79 704 372-8750
DANIELS, CHARLES A. 200 HAWTHORNE LANE CHARLOTTE 28233 VANDERBILT U	PTH AC 66 70 87	DUNAWAY, HOWARD YATES, III 1012 S. KINGS DR., STE. 101 CHARLOTTE 28283 BOWMAN GRAY	ORS AC 77 79 84 704 372-0743	FEEZOR, CHARLES NOEL, JR. 3535 RANDOLPH ROAD, STE. 101 CHARLOTTE 28211 BOWMAN GRAY	U AC 62 62 70 704 366-4631
DASHER, GEORGE ALBERT 1333 ROMANY ROAD CHARLOTTE 28204 MED COLL OF GA	U AC 73 74 80 704 372-5180	DUPUY, DAVID NORRIS 3535 RANDOLPH ROAD CHARLOTTE 28211 U OF MIAMI	ORS AC 70 71 76 704 365-2111	FEHRING, THOMAS K. 120 PROVIDENCE ROAD CHARLOTTE 28207 U OF TEXAS	ORS AC 80 80 86 704 377-0351
DAUGHERTY, HARRY KARRICK 1960 RANDOLPH ROAD CHARLOTTE 28207 U OF LOUISVILLE	CDS /TS AC 59 63 65 704 373-1500	DUPUY, SAMUEL STUART 301 HAWTHORNE LANE CHARLOTTE 28204 U OF FLORIDA	U AC 69 72 76 704 374-0236	FELDMAN, WALTER SIDNEY 501 BILLINGSLEY RD. CHARLOTTE 28211 TUFTS U	P /LM AC 43 45 86 704 375-3575
DAVENPORT, JOHN EMMETT 3535 RANDOLPH RD. CHARLOTTE 28207 U OF NEW MEXICO	IM AC 74 80 83 704 847-3380	EASTON, EDWARD JAMES, JR. PO BOX 32861 CHARLOTTE 28232 TUFTS U	NM /DR AC 69 71 77 704 373-2430	FELKNER, RICHARD S. 1600 E. THIRD STREET CHARLOTTE 28204 WASHINGTON U	OTO AC 60 67 67 704 372-3300
DEHOFF, PHILIP WILLIAM 3535 RANDOLPH RD., STE. 105 CHARLOTTE 28211 U OF SOU FLORIDA	OBG AC 80 81 84 704 365-0470	EDWARDS, CHARLES HILLMAN, II 301 HAWTHORNE LANE CHARLOTTE 28204 U OF NC	CDS /TS AC 73 73 84 704 375-8413	FENNING, ROBERT LAWRENCE 3535 RANDOLPH ROAD CHARLOTTE 28211 U OF VERMONT	ON /ON AC 64 64 69 704 365-0760
DELTA, BASIL GEORGE 249 BILLINGSLEY ROAD CHARLOTTE 28211 ISTANBUL U	GPM /PD AC 52 60 80 704 375-1885	EDWARDS, ELLISON FRANCIS 3535 RANDOLPH ROAD, STE. 204 CHARLOTTE 28211 U OF NC	PS /MFS AC 61 61 68	FERNANDEZ, CHARLES RAYMOND 1350 S. KINGS DRIVE CHARLOTTE 28207 TULANE U	ID /IM AC 68 68 76 704 372-8750
DEMAS, RONALD CHARLES 2115 EAST 7TH ST., STE. 101 CHARLOTTE 28204 INDIANA U	N /PM AC 65 66 72 704 372-3714	EICHENBRENNER, TIMOTHY JOHN 225 HAWTHORNE LN., STE. 202 CHARLOTTE 28204 EASTERN VA	PD AC 79 82 82 704 332-8111	FERREE, CHARLES ELLIOT 3535 RANDOLPH RD. CHARLOTTE 28211 U OF NC	IM AC 80 82 86 704 365-0760
DENNIS, RONALD GREENE 3535 RANDOLPH ROAD CHARLOTTE 28211 BOWMAN GRAY	OTO AC 71 71 79 704 365-0711	EISENBERG, CARL JESSE 2001 VAIL AVE. CHARLOTTE 28207 DOWNSTATE ME CTR	R AC 75 75 83 704 379-5860	FINGER, FREDERICK ELI, III 1900 RANDOLPH RD., STE. 502 CHARLOTTE 28207 VANDERBILT U	NS AC 76 77 86 704 372-8860
DENNY, KEVIN M. 1900 RANDOLPH RD. CHARLOTTE 28207 CASE WESTERN RES	P AC 80 81 84 704 333-7722	ELLIOTT, CHARLES MARTIN 1960 RANDOLPH ROAD CHARLOTTE 28207 MED COLL OF VA	CD /IM AC 70 70 77 704 373-1503	FINK, GARY LEE BROWN ST., P. O. BOX 610 FAITH 28041 U OF NC	IM AC 83 83 82 704 279-2981
DIAZ-BUXO, JOSE ANTONIO 928 BAXTER STREET CHARLOTTE 28204 U OF PUERTO RICO	NEP /IM AC 70 71 75 704 374-1321	ELLIOTT, JOS. ALEXANDER, JR. 1900 RANDOLPH RD. SUITE 714 CHARLOTTE 28207 U OF MICHIGAN	D AC 44 44 45 704 375-0043	FINKLEA, ORION TOWNSEND 1333 ROMANY ROAD CHARLOTTE 28204 MED U OF SC	U AC 55 63 63 704 372-5180
DICKERSON, LEON ARCHIBALD, JR. 2600 E. 7TH ST. CHARLOTTE 28204 WEST VA U	ORS AC 70 74 78 704 372-9820	ELLIS, CLARENCE ONEIL 2021 E. 7TH ST. CHARLOTTE 28204 U OF NC	IM AC 80 81 85 704 372-9884	FISHER, EDWARD CARL 1023 EDGEHILL ROAD CHARLOTTE 28207 U OF TENNESSEE	OBG AC 71 71 78 704 373-1541
DICKSON, F. KEELS 485 N. WENDOVER RD. CHARLOTTE 28211 MED U OF SC	OTO /A AC 67 67 74 704 366-7921	ENSOR, ROBERT DALE 1333 ROMANY ROAD CHARLOTTE 28204 OHIO STATE U	U AC 61 61 71 704 372-5180	FISHER, MARSHALL LOUIS 140 E. 83RD ST., APT. 11-C NEW YORK, NY 10028 U OF ILLINOIS	P L 35 35 52 212 535-8747
DILLARD, SAM BOOKER 1900 RANDOLPH ROAD, STE. 312 CHARLOTTE 28207 MED COLL OF VA	D AC 46 46 50 704 333-8811	ESTWANIK, JOSEPH JOHN 1516 ELIZABETH AVE. CHARLOTTE 28204 BOWMAN GRAY	ORS AC 73 73 78 704 334-4663	FLEISHMAN, LAWRENCE MARK 7110 LAWYER'S ROAD CHARLOTTE 28211 U OF NC	IM AC 82 85 86 704 568-6500
DILLINGHAM, WILLIAM STEPHEN 479 N. WENDOVER RD. CHARLOTTE 28211 DUKE	P AC 66 66 80 704 365-3185	EUBANKS, WILLIAM MALCOLM, JR. 1712 E. FOURTH STREET CHARLOTTE 28204 MED COLL OF GA	OBG AC 54 60 60 704 375-9074	FLEMING, LAURENCE EDWIN 1116 PROVIDENCE ROAD CHARLOTTE 28207 U OF PENN	ABS L 31 31 34 704 332-6896
DORENBUSCH, ALFRED ADOLPH 2734 HAMPTON AVENUE CHARLOTTE 28207 U OF LOUISVILLE	OTO L/RT 40 46 46 704 334-0498	EVANGELIST, FELIX ANTHONY 1900 RANDOLPH RD. STE. 408 CHARLOTTE 28207 GEORGETOWN U	CDS /TS AC 58 58 71 704 333-7731	FOLLMER, RONALD LESTER PO BOX 32861 CHARLOTTE 28232 TEMPLE U	N AC 66 67 76 704 338-4053
DORNBLAZER, GEORGE HENRY 6511 CROSSFIELD LN. CHARLOTTE 28226 WEST VA U	P AC 77 78 85 704 377-4243	FADIAL, JOHN MURRAY PO BOX 33549 CHARLOTTE 28233 U OF FLORIDA	EM AC 67 67 70 704 371-4160	FORD, MARSHA DEAN CHARLOTTE MEM. HOSP. PO BOX 32861 CHARLOTTE 28232 MED U OF SC	EM /IM AC 79 81 85 704 338-3181
DORSETT, JOHN DEWEY, JR. 1851 E. THIRD STREET CHARLOTTE 28204 WASHINGTON U	IM /CD AC 51 51 56 704 333-4175	FAGAN, JAMES ARTHUR PO BOX 33549 CHARLOTTE 28233 MED U OF SC	DR /NM AC 66 66 73 704 371-4056	FORT, LYNN, III 3535 RANDOLPH ROAD, 201-W CHARLOTTE 28211 DUKE	GS /TS AC 60 60 68 704 364-8100
DOUGLAS, JOHN MUNROE 4107 POMFRET LN. CHARLOTTE 28211 DUKE	IM L/RT 39 49 50 704 333-0125	FARMER, CHARLES DUDLEY 928 BAXTER ST. CHARLOTTE 28204 INDIANA U	NEP /IM AC 58 58 67 704 374-1321		

60. MECKLENBURG COMPONENT SOCIETY (Continued)

FOSTER, REX BENTLEY, III 1200 DILWORTH RD. CHARLOTTE 28203 U OF IOWA	AN AC 80 81 86 704 338-2372	GESING, BERNARD FRANCIS 10724 PARK ROAD CHARLOTTE 28210 MED COLL OF GA	FP AC 79 60 83 704 542-6577	GREENMAN, MAXWELL 309 S. LAUREL AVENUE CHARLOTTE 28207 NEW YORK U	OPH AC 67 67 74 704 372-4380
FOUST, JOHN WORTH 3535 RANDOLPH ROAD CHARLOTTE 28211 U OF NC	OT AC 55 55 62 704 365-0711	GIBLIN, THOMAS RICHARD 1900 RANDOLPH ROAD, #300 CHARLOTTE 28207 EMORY U	PS AC 55 63 66 704 332-4161	GREENWOOD, JAMES BROOKS, JR. PO BOX 18248 4101 CENTRAL AVE. CHARLOTTE 28218 U OF PENN	FP AC 44 44 47 704 537-0020
FOX, JOE THOMAS, JR. 1900 RANDOLPH ROAD CHARLOTTE 28207 U OF NC	P AC 60 60 66 704 333-7722	GIBSON, JOHN MCNEILL 212 S. TRYON ST., STE. 1500 CHARLOTTE 28201 U OF NC	IM AC 72 72 84 704 333-6544	GREIG, JOHN HAMILTON 4401 COLWICK ROAD #702 CHARLOTTE 28211 U OF GLASGOW	AN AC 56 56 74 704 366-9408
FRAASA, ROBERT CONRAD 4625 COLONY RD. H CHARLOTTE 28226 U OF CINCINNATI	FP AC 53 56 56 704 535-4011	GILBERT, PAUL PRESSLY 2300-B RANDOLPH ROAD CHARLOTTE 28207 DUKE	ORS AC 77 78 84 704 375-5955	GRIFFIN, EZRA DANIEL, JR. 449 N. WENDOVER ROAD CHARLOTTE 28211 U OF NC	OBG AC 73 73 77 704 364-3760
FRASER, DONALD DOYLE 1350 S. KINGS DR. CHARLOTTE 28207 MED SCH-UMDNJ	D AC 80 81 85 704 372-8750	GILL, LOWELL HARLEY 1822 BRUNSWICK AVENUE CHARLOTTE 28207 DUKE	ORS AC 70 70 77 704 373-0544	GRIFFIN, WILLIAM RUSSELL, JR. 3535 RANDOLPH ROAD, STE. 103 CHARLOTTE 28211 BOWMAN GRAY	ORS AC 64 64 71 704 365-2111
FRASER, ROBERT WELLINGTON, III PO BOX 32861 CHARLOTTE 28232 U OF PENN	TR AC 75 77 79 704 338-2272	GILMOUR, MONROE TAYLOR 1300 BAXTER ST., STE. 163 CHARLOTTE 28204 HARVARD	IM L/RT 36 41 41 704 375-0287	GRIGG, CLAUD MCNEILL 217 TRAVIS AVENUE CHARLOTTE 28204 U OF NC	IM /CD AC 61 61 67 704 372-3350
FRAZIER, ARNOLD RAY CHARLOTTE MEMORIAL HOSPITAL P. O. BOX 32861 CHARLOTTE 28232 U OF KENTUCKY	PUD /IM AC 69 70 75 704 331-2121	GLASGOW, DOUGLAS MCKAY 2000 WENDOVER RD. CHARLOTTE 28211 MCGILL U	IM /GER L 43 50 51 704 375-5674	GRIVAS, NICHOLAS ELLSWORTH 1928 RANDOLPH RD. STE. 100 CHARLOTTE 28207 U OF TEXAS-SW	NS AC 85 65 74 704 377-9312
FRYE, JOSEPH CRAIG 3535 RANDOLPH ROAD, SUITE 102 CHARLOTTE 28211 U OF NC	R AC 60 60 69 704 365-0343	GLOVER, JOHN SNOW 1851 E. THIRD STREET CHARLOTTE 28204 DUKE	OBG AC 59 59 65 704 332-8103	GRODE, MICHAEL JAMES 149 PROVIDENCE ROAD CHARLOTTE 28207 EMORY U	PD AC 66 74 74 704 372-6525
GAGE, LUCIUS GASTON, JR. 1350 S. KINGS DRIVE CHARLOTTE 28207 DUKE	A AC 48 52 53 704 372-8750	GODWIN, HERMAN ALLEN, JR. 2711 RANDOLPH RD. #100 CHARLOTTE 28207 BOWMAN GRAY	HEM /IM AC 63 63 75 704 373-0700	GROMET, MATTHEW 3535 RANDOLPH ROAD CHARLOTTE 28211 U OF NY-ST BROOK	DR AC 79 80 84 704 365-0343
GALENTINE, PAUL GUY, III 3535 RANDOLPH RD., STE. 202 CHARLOTTE 28211 DUKE	OPH AC 76 77 85 704 364-8576	GODWIN, WINSTON YUVAWN, JR. 2300 RANDOLPH RD. CHARLOTTE 28207 MED U OF SC	GS AC 78 78 86 704 376-0327	GROOVER, CALTON DOUGLAS P. O. BOX 32861 CHARLOTTE 28232 MED COLL OF GA	PTH AC 62 67 68 704 331-3227
GALLAGHER, JOHN JOSEPH 1960 RANDOLPH ROAD CHARLOTTE 28207 GEORGETOWN U	CD /IM AC 68 74 84 704 373-1503	GOLDBERG, TREVOR IAN 1600 E. THIRD STREET CHARLOTTE 28204 U-WITWATERSRAND	OTO AC 75 78 83 704 372-3300	GRUBB, WALTER LEE, JR. 3535 RANDOLPH RD. STE. 102 CHARLOTTE 28211 MED COLL OF VA	DR AC 61 61 72 704 365-0343
GARDELLA, JOHN EUGENE 125 BALDWIN AVE. CHARLOTTE 28204 NEW YORK U	PUD AC 74 75 79 704 374-1696	GOLEMBE, BARRY LOUIS 1350 S. KINGS DRIVE CHARLOTTE 28207 MED COLL OF VA	PD /PHO AC 74 75 80 704 372-8750	GRUHN, WILLIAM BRYANT 1350 S. KINGS DRIVE CHARLOTTE 28207 DARTMOUTH U	IM /RHU AC 74 75 81 704 372-8750
GARMON-BROWN, OPHELIA EUGENIA 402 E. SUGARCREEK RD. CHARLOTTE 28213 U OF NC	FP AC 80 81 79 704 535-8245	GOODMAN, DONALD BRUCE, JR. 6708 ALBEMARLE RD. CHARLOTTE 28212 U OF NC	FP AC 73 75 76 704 536-4903	GUILFORD, WILLIAM BONNER 3535 RANDOLPH RD., STE. 102 CHARLOTTE 28211 U OF NC	DR AC 73 73 78 704 338-2274
GARRISON, ROBERT LEE 225 HAWTHORNE LANE CHARLOTTE 28204 BOWMAN GRAY	GS AC 44 44 53 704 377-1349	GRAHAM, DAVID ERIC P. O. BOX 459 201 SADIE DR. MATTHEWS 28105 U OF MARYLAND	GP /AM AC 52 52 54 704 847-8664	HALL, DONALD GAMMON 1960 RANDOLPH ROAD CHARLOTTE 28207 U OF FLORIDA	CD AC 65 65 72 704 373-1503
GASKIN, ERNEST REED 100 QUEENS RD. CHARLOTTE 28204 EMORY U	OPH AC 51 52 56 704 332-1156	GRAHAM, WALTER RALEIGH 743 HEMPSTEAD PLACE CHARLOTTE 28207 U OF MARYLAND	OPH L/RT 40 40 50 704 334-6014	HALL, JAMES BRYAN CHARLOTTE MEMORIAL HOSPITAL P. O. BOX 32861 CHARLOTTE 28232 MED U OF SC	OBG /ON AC 74 75 82 704 331-3149
GASKIN, LEWIS REED 100 QUEENS RD. CHARLOTTE 28204 EMORY U	OPH AC 80 84 85 704 332-1156	GRAHAM, WALTER RALEIGH, JR. RIVERSIDE CLINIC 2005 RIVERSIDE AVE. JACKSONVILLE, FL 32204 U OF PENN	D AC 70 73 77 704 332-7506	HAMILTON, JAMES PRESSLY 2104 RANDOLPH ROAD CHARLOTTE 28207 U OF PENN	PDS AC 58 58 65 704 377-3900
GAUL, JOHN STUART, JR. 2600 E. 7TH ST. CHARLOTTE 28204 TEMPLE U	HS AC 46 46 53 704 372-9820	GRAY, DAVID M. 732 E. PARK AVENUE CHARLOTTE 28203 WEST VA U	EM AC 80 80 87 704 372-7544	HAMMER, DONALD EDWIN 2206 CUMBERLAND AVENUE CHARLOTTE 28203 U OF ROCHESTER	GS AC 66 68 74 704 375-3504
GAUNT, GEORGE LOREN, JR. 2034 RANDOLPH RD. CHARLOTTE 28207 YALE	PTH AC 82 83 84 704 372-4600	GREENE, RALPH LEON, JR. 3535 RANDOLPH ROAD CHARLOTTE 28211 WEST VA U	IM AC 70 74 76 704 365-0760	HANNA, RICHARD TINSLEY 6900 FARMINGDALE DRIVE CHARLOTTE 28212 MED U OF SC	FP /HYP AC 76 77 79 704 536-1362
GAVIGAN, THOMAS JOSEPH 125 BALDWIN AVENUE CHARLOTTE 28204 GEORGETOWN U	GE AC 74 75 84 704 338-6300	GREENE, ROBERT HADLEY 2001 OAKLAWN AVENUE CHARLOTTE 28216 HOWARD U	FP RT 27 28 65 704 332-7506	HANSON, JOHN STEPHEN 2711 RANDOLPH RD. CHARLOTTE 28207 WASHINGTON U	GE /IM AC 79 79 84 704 373-0700
GAY, CHARLES HOUSTON 2320 QUEENS ROAD, EAST CHARLOTTE 28207 DUKE	PD L/RT 33 36 38 704 333-7479	GREENHOOT, JERRY HARVEY 1010 EDGEHILL ROAD NORTH CHARLOTTE 28207 U OF CALIF-LA	NS AC 62 62 73 704 376-1605	HARBEN, DOUGLAS JAMES 3535 RANDOLPH RD., STE. 101-W CHARLOTTE 28211 SYRACUSE	D /IM AC 70 71 79 704 364-6110
GAZAK, JOHN MICHAEL 1900 RANDOLPH RD. STE. 816 CHARLOTTE 28207 U OF PENN	U AC 74 74 82 704 334-3033				

60. MECKLENBURG COMPONENT SOCIETY (Continued)

HARBOLD, NORRIS BROWN, JR. 1960 RANDOLPH ROAD CHARLOTTE 28207 GEO WASHINGTON U	CD /IM AC 66 66 71 704 373-1503	HICKEY, DOCIA ELIZABETH CHARLOTTE MEM. HOSP. PO BOX 32861 CHARLOTTE 28232 BOWMAN GRAY	NPM /PD AC 75 75 80 704 338-3156	HOWE, HAROLD RAGAN, JR. 811 MUSEUM DR. CHARLOTTE 28207 BOWMAN GRAY	CDS R 80 81 80 919 761-1699
HARDMAN, EDWARD FRANCIS 1000 HUNTINGTON PARK DRIVE CHARLOTTE 28211 TEMPLE U	GYN /OBS L/RT 38 47 47 704 366-1962	HICKS, J. ROBINSON 1350 KINGS DRIVE CHARLOTTE 28207 U OF VIRGINIA	ORS AC 53 60 61 704 372-8750	HOWELL, NELSON NEIL 3535 RANDOLPH ROAD CHARLOTTE 28211 U OF NC	OTO /HNS AC 66 66 73 704 365-0711
HARRELL, LONNIE CLAYTON, III 150 PROVIDENCE ROAD CHARLOTTE 28207 U OF NC	OBG AC 72 72 74 704 377-0461	HIESTAND, FITZ GERALD, JR. 1350 S. KINGS DRIVE CHARLOTTE 28207 U OF VIRGINIA	GE /IM AC 56 58 61 704 372-8250	HUEY, THOMAS WALKER, JR. 1012 KINGS DRIVE CHARLOTTE 28283 U OF PENN	GYN L 42 43 50 704 375-4216
HARRIS, CHARLES THEODORE, JR. 401 FESBROOK COURT CHARLOTTE 28226 U OF VIRGINIA	AN L/RT 51 51 53	HILL, DENNIS LEROY 1900 BRUNSWICK AVENUE CHARLOTTE 28207 U OF SOU CALIF	N AC 66 66 73 704 377-9323	HUMPHREY, JOHN EDWARD, JR. 2040 RANDOLPH RD. CHARLOTTE 28207 DUKE	P AC 75 76 86 704 334-0875
HARRIS, CHARLES WALKER 125 BALDWIN AVE. CHARLOTTE 28204 U OF NC	CD /IM AC 60 60 66 704 374-1696	HINSHAW, HOWARD THOMAS 1350 S. KINGS DRIVE CHARLOTTE 28207 U OF NC	END /IM AC 66 66 74 704 372-8750	HUMPHRIES, DAVID SCOTT 1350 S. KINGS DRIVE CHARLOTTE 28207 MED COLL OF VA	ORS AC 56 67 68 704 372-8750
HARRISON, FRANK N.H., JR. 449 N. WENDOVER ROAD CHARLOTTE 28211 MED COLL OF GA	OBG AC 73 74 77 704 364-3760	HIPP, EDWARD REGINALD, JR. 1350 S. KINGS DRIVE CHARLOTTE 28207 U OF VIRGINIA	GS /TS AC 47 47 47 704 372-8750	HUNTLEY, DANNY EDWARD 6708 ALBEMARLE RD. CHARLOTTE 28212 BOWMAN GRAY	FP AC 77 78 85 704 536-4903
HARSTON, PHILLIP REED 2711 RANDOLPH RD. STE. 512 CHARLOTTE 28207 U OF LOUISVILLE	OBG AC 79 80 84 704 333-4104	HISLEY, JOHN CHARLES PO BOX 32861 CHARLOTTE 28232 U OF MARYLAND	OBG /NPM AC 65 65 75 704 331-3149	HUTCHESON, JAMES STERLING 1350 S. KINGS DRIVE CHARLOTTE 28207 JOHNS HOPKINS	AI AC 61 68 68 704 372-8750
HARTLE, EDGAR OWEN PO BOX 32861 CHARLOTTE 28232 PENN STATE U	EM AC 81 82 83 704 334-8419	HOBSON, JACK BROWN 125 BALDWIN AVE. CHARLOTTE 28204 U OF NC	IM /HEM AC 57 57 63 704 374-1696	HUTCHINSON, FORNEY, III 1822 BRUNSWICK AVENUE CHARLOTTE 28207 DUKE	ORS AC 68 68 77 704 373-0544
HATTEN, HOMER PAUL, JR. PRESBYTERIAN HOSP. DEPT. RAD P. O. BOX 33549 CHARLOTTE 28233 WEST VA U	DR AC 73 73 79 704 371-4057	HODGES, HORACE HAYDEN ROUTE #1, BOX 102-L PINEVILLE 28134 U OF PENN	IM /GE L/RT 40 40 47 704 588-0828	IRONS, GEORGE VERNON, JR. 1350 S. KINGS DRIVE CHARLOTTE 28207 U OF ALABAMA	CD /IM AC 56 64 66 704 372-8750
HAUCH, THOMAS WRAY 1350 S. KINGS DRIVE CHARLOTTE 28207 NORTHWESTERN U	ON /HEM AC 72 77 79	HOLBROOK, WILLIAM DOUGLAS 34 LUVAN WAY DEBORDIEU COLONY GEORGETOWN, SC 29440 BOWMAN GRAY	P L/RT 46 47 50	JABEN, SCOTT LEONARD 309 S. LAUREL AVE. CHARLOTTE 28207 U OF MIAMI	OPH AC 77 78 83 704 372-4380
HAWES, ANNE COLCLOUGH 2608 E. SEVENTH ST. CHARLOTTE 28204 U OF NC	N AC 76 78 83 704 377-9323	HOLLADAY, GLENN CLYDE 2711 RANDOLPH RD., STE. 301 CHARLOTTE 28207 MED U OF SC	PD AC 80 82 84 704 332-6332	JACKSON, CHARLES THOMAS 5950 FAIRVIEW RD., STE. 100 3 FAIRVIEW PLAZA CHARLOTTE 28210 U OF ROCHESTER	OBG AC 65 66 85 704 551-4200
HAWES, SAMUEL PINCKNEY, III 1333 ROMANY ROAD CHARLOTTE 28204 VANDERBILT U	U AC 67 67 75 704 372-5180	HOLLEMAN, JEREMIAH HENRY, JR. 1350 S. KINGS DR. CHARLOTTE 28207 TULANE U	GS /VS AC 71 71 85 704 372-8750	JACOBS, WILLIAM EDWARD 2215 RANDOLPH ROAD CHARLOTTE 28207 U OF PENN	PS /GS AC 69 70 77 704 372-6846
HAWES, STEPHEN JAMES, JR. 1928 RANDOLPH RD. STE. 210 CHARLOTTE 28210 U OF NC	ID /IM AC 76 77 83 704 372-3350	HOLLENBECK, JOHN IVOR 3535 RANDOLPH RD., 201-W CHARLOTTE 28211 OHIO STATE U	GS AC 68 68 76 704 364-8100	JAMES, RICHARD THOMAS, JR. 217 TRAVIS AVENUE CHARLOTTE 28204 U OF PENN	IM AC 43 54 54 704 372-3350
HAYES, HUGH HARRISON, JR. P. O. BOX 33549 CHARLOTTE 28233 U OF TENNESSEE	R AC 49 60 60 704 371-4000	HOLLINGSWORTH, WALTER C. 1928 RANDOLPH ROAD CHARLOTTE 28207 BOWMAN GRAY	OBG AC 59 59 64 704 376-1612	JEMSEK, JOSEPH GREGORY 1350 S. KINGS DR. CHARLOTTE 28207 U OF ILLINOIS	ID /IM AC 74 75 80 704 372-8750
HEINIG, CHARLES FREDERICK 1822 BRUNSWICK AVENUE CHARLOTTE 28207 SYRACUSE	ORS /GS AC 55 61 61 704 373-0544	HOLSCHER, EDWARD CHARLES 1900 RANDOLPH ROAD, SUITE 918 CHARLOTTE 28207 U OF MISSOURI	CHP /P AC 65 65 76 704 333-7724	JETT, HARRIMAN HARDING 2104 RANDOLPH ROAD CHARLOTTE 28207 MED U OF SC	GS AC 67 67 72 704 377-3900
HERNDON, WILLIAM MAUNEY, JR. 1350 S. KINGS DR. CHARLOTTE 28207 U OF NC	CD /IM R 81 82 83 704 372-8750	HONEYCUTT, DANNY MORRIS 10724 PARK ROAD CHARLOTTE 28210 BOWMAN GRAY	FP AC 79 80 83 704 542-6577	JOHNSTON, DAVID SOMERS 1822 BRUNSWICK AVENUE CHARLOTTE 28207 U OF TENNESSEE	ORS AC 61 66 67 704 373-0544
HERRIN, ROBERT ALEXANDER 1628 E. MOREHEAD CHARLOTTE 28207 U OF NC	MFS AC 79 80 81 704 376-0216	HOOD, CHRISTOPHER KENNEDY 1712 E. FOURTH STREET CHARLOTTE 28204 JEFFERSON	OBG AC 54 54 59 704 375-9074	JOHNSTON, HARVEY WYLIE 101 W. T. HARRIS BLVD. CHARLOTTE 28213 GEO WASHINGTON U	U AC 52 56 56 704 547-1392
HERSHEY, CHARLES DANA, JR. PO BOX 32861 CHARLOTTE 28232 U OF PENN	AN AC 70 73 77 704 554-0239	HOPE, HAROLD PAGAN, JR. 2300 RANDOLPH ROAD CHARLOTTE 28207 MED U OF SC	GS AC 67 73 75 704 376-0327	JOHNSTON, JOHN GARDNER 1700 ABBEY PLACE CHARLOTTE 28209 U OF NC	PD AC 69 69 75 704 523-7232
HESS, PHILIP JOSEPH 1960 RANDOLPH ROAD CHARLOTTE 28207 OHIO STATE U	CDS /TS AC 68 68 77 704 373-1500	HORNER, DONALD STANLEY 1350 S. KINGS DRIVE CHARLOTTE 28207 U OF MARYLAND	OBG /PD AC 75 75 83 704 372-8750	JONES, JAMES BUCKNER 3535 RANDOLPH ROAD CHARLOTTE 28211 VANDERBILT U	IM /PUD AC 79 84 85 704 365-0760
HEYER, ROBERT ALLAN 2711 RANDOLPH ROAD, SUITE 100 CHARLOTTE 28207 U OF TEXAS-SW	PUD /IM AC 73 74 80 704 373-0700	HORTON, JAMES MARVIN 1350 S. KINGS DR. CHARLOTTE 28207 DUKE	AC 77 84 87 704 372-8750	JONES, JERRY ANTHONY 2021 E. 7TH ST. CHARLOTTE 28204 MEHARRY MED COLL	IM /GE AC 74 79 86

60. MECKLENBURG COMPONENT SOCIETY (Continued)

JONES, O. HUNTER 232 PERRIN PLACE CHARLOTTE 28207 COLUMBIA U	OBG L 33 33 37 704 333-0455	†KOURI, MOSES LAWRENCE, JR. 6900 FARMINGDALE DR. DECEASED - 3-21-87 CHARLOTTE 28212 U OF NC	FF AC 62 62 66 704 536-1362	LEWIS, ANDREW JACKSON, JR. 1900 RANDOLPH RD., STE. 602 CHARLOTTE 28207 U OF ALABAMA	OBG AC 57 58 62 704 377-5675
JOYCE, DONALD GEORGE 3535 RANDOLPH ROAD, SUITE 103 CHARLOTTE 28211 U OF OTTAWA	ORS AC 63 67 68 704 365-2111	KOURI, WILLIAM HERBERT 6900 FARMINGDALE DR. CHARLOTTE 28212 U OF NC	FP AC 61 61 64 704 536-1362	LEWIS, DANIEL MICHAEL 3535 RANDOLPH RD. STE. 101-W CHARLOTTE 28211 U OF NC	D AC 80 81 85 704 364-6110
JUSTIS, HOMER RODEHEAVER 1012 KINGS DRIVE CHARLOTTE 28283 U OF VIRGINIA	U AC 46 51 53 704 334-6449	KRAMER, NORMAN JOHN 3535 RANDOLPH ROAD, STE. 300 CHARLOTTE 28211 JEFFERSON	IM/END AC 65 73 75 704 365-0760	LINDERMAN, JAMES ALAN 167-L S. TRADE ST. PO BOX 2564 MATTHEWS 28106 INDIANA U	PD AC 76 76 82 704 847-0572
KALINA, KENT MICHAEL 2915 PROVIDENCE RD., STE. 400 CHARLOTTE 28211 U OF NC	P AC 79 80 83 704 376-2810	KREMERS, SCOTT ALEX 1928 RANDOLPH ROAD, STE. 206 CHARLOTTE 28207 INDIANA U	PUD/CD AC 74 75 83 704 375-9932	LINDOW, LARRY GENE 6301 MORRISON BLVD. CHARLOTTE 28211 U OF ILLINOIS	IM/GP AC 68 69 78 704 365-3900
KAMP, MAURICE ARTHUR 1400 DREXEL PLACE CHARLOTTE 28209 MED COLL OF VA	PH/GPM 32 33 63 704 525-3468	KRESHON, MARTIN JOHN 1600 E. THIRD STREET CHARLOTTE 28204 M C OF WISCONSIN	OPH AC 54 57 61 704 372-3300	LINK, MELVIN ROBERT 3323 STANWYCK COURT CHARLOTTE 28211 U OF LOUISVILLE	OTO L/RT 42 50 50 704 364-2111
KAUFMAN, MICHAEL DAVID 126 COTTAGE PLACE CHARLOTTE 28207 DUKE	N/GPM AC 71 72 80 704 334-7311	LACKEY, ROBERT STEVENSON 2118 PINWOOD CIRCLE CHARLOTTE 28211 JEFFERSON	R/FP AC 48 48 52 704 365-0343	LITTLE, DONALD FORREST 1350 KINGS DRIVE CHARLOTTE 28207 U OF ALABAMA	OBG AC 59 65 65 704 372-8750
KELEMEN, WILLIAM ARTHUR 1928 RANDOLPH ROAD CHARLOTTE 28207 OHIO STATE U	IM AC 50 59 59 704 334-1086	LADD, ROBERT JULIUS 3323 WINDBLUFF DR. MATTHEWS 28105 HOWARD U	GS/EM AC 64 64 71 704 542-8271	LOGAN, WILLIAM SUMNER 1350 S. KINGS DRIVE CHARLOTTE 28207 DUKE	D AC 68 68 74 704 372-8750
KELLAM, DONALD SWIFT, JR. 120 PROVIDENCE ROAD CHARLOTTE 28207 GEO WASHINGTON U	ORS AC 55 60 61 704 377-0351	LAIRD, WILLIAM KENNETH 1900 RANDOLPH RD. STE. 300 CHARLOTTE 28207 U OF TORONTO	PS AC 68 69 75 704 332-4161	LONG, WILLIAM JOSEPH 402 E. SUGAR CREEK RD. CHARLOTTE 28213 MED COLL OF GA	FP AC 80 82 84 704 596-0822
KELLER, GUY OTIS 3535 RANDOLPH RD., STE. 200-A CHARLOTTE 28211 U OF VIRGINIA	GS AC 44 55 55 704 364-2500	LAND, MICHAEL ROY 150 PROVIDENCE ROAD CHARLOTTE 28207 INDIANA U	OBG AC 80 80 80 704 377-0461	LOPER, PETER LOUIS PO BOX 33189 DUKE POWER CHARLOTTE 28242 CASE WESTERN RES	PUD/OM AC 76 77 86 704 373-4329
KELLY, LUTHER W., JR. 1350 S. KINGS DR. CHARLOTTE 28207 HARVARD	END/NM AC 48 54 55 704 372-8750	LANDIS, EDWARD EVERETT, JR. 1350 KINGS DRIVE CHARLOTTE 28207 U OF LOUISVILLE	PUD/IM AC 62 62 70 704 372-8750	LOVEJOY, STEVEN ARNET 1012 S. KINGS DR. CHARLOTTE 28283 WEST VA U	ORS AC 80 81 85 704 372-0743
KENNEY, RICHARD DREW 1000 BLYTHE BLVD. PO BOX 32861 CHARLOTTE 28234 GEORGETOWN U	PD/ADL AC 67 68 83 704 338-3156	LANE, JERALD PAUL 1900 RANDOLPH RD., STE. 918 CHARLOTTE 28207 U OF MISSOURI	P AC 63 63 75 704 333-7722	LOVELL, WILLIAM FIGGATT 2711 RANDOLPH RD. STE. 400 P. O. BOX 221189 CHARLOTTE 28207 DUKE	A AC 45 45 52 704 372-7900
KINGERY, DAVID REDDING 1350 S. KINGS DR. CHARLOTTE 28207 U OF FLORIDA	ORS AC 80 81 87 704 372-8750	LARGE, HIRAM LEE, JR. 7443 WINDYRUSH ROAD MATTHEWS 28105 VANDERBILT U	PTH L/RT 42 42 50 704 542-9830	LUCAS, ROBERT THEODORE, JR. 1350 KINGS DRIVE CHARLOTTE 28207 TULANE U	PD AC 54 59 60 704 372-8750
KIRSCH, MARK 3041 VALENCIA TERRACE CHARLOTTE 28211 U-WITWATERSRAND	TR AC 69 76 84 704 371-4189	LARKIN, GLENN MICHAEL 4000-E PROVIDENCE RD. CHARLOTTE 28211 U OF LOUVAIN	FOP AC 66 68 78 704 364-4718	LYDAY, WILLIAM DAVIE 225 HAWTHORNE LN., STE. 301 CHARLOTTE 28204 DUKE	TS/GS AC 53 54 61 704 377-5978
KLEIN, DEYSY MARTINEZ 1901 RANDOLPH RD. CHARLOTTE 28207 U OF MADRID	AN AC 62 62 69 704 375-5126	LASSITER, KENNETH ROBERT LEE 1900 RANDOLPH RD., SUITE 502 CHARLOTTE 28207 DUKE	NS AC 61 61 77 704 372-8860	LYMBERIS, MARVIN NICHOLAS 2514 RED FOX TRAIL CHARLOTTE 28211 TULANE U	OPH L/RT 41 47 48 704 366-6227
KLIMAS, JOHN THOMAS 2711 RANDOLPH RD. CHARLOTTE 28207 ST U OF NY-BUFF	A/PD AC 73 73 80 704 372-7900	LASTER, ANDREW JAY 125 BALDWIN AVE. CHARLOTTE 28204 JOHNS HOPKINS	RHU/IM AC 79 79 86 704 338-6300	MACAULAY, HUGH HOLLEMAN, III 3738 ABINGDON ROAD CHARLOTTE 28211 MED U OF SC	EM/FP AC 74 75 84 704 371-4160
KNISH, EDWARD J., JR. PO BOX 189 MATTHEWS 28105 VANDERBILT U	IM AC 83 86 87 704 365-0760	LAWRENCE, PATRICIA ANN 1012 S. KINGS DR. STE. 624 CHARLOTTE 28283 U OF VIRGINIA	OBG AC 50 54 54 704 372-6201	MACDONALD, WILLIAM WEBSTER 1023 EDGEHILL DRIVE CHARLOTTE 28207 SYRACUSE	OBG AC 68 68 78 704 373-1541
KOKAK, THEODORE JOSEPH P. O. BOX 11438 CHARLOTTE 28220 TEMPLE U	FP AC 61 62 62 704 553-9474	LAYTON, DENNIS SHELDON 7110 LAWYERS ROAD CHARLOTTE 28212 WEST VA U	IM AC 76 77 80 704 568-6500	MALLONEE, MICHAEL STEVEN 101 W.T. HARRIS BLVD.EAST SUITE C-206 CHARLOTTE 28213 U OF MIAMI	OTO/HNS AC 73 74 81 704 547-1609
KOCONIS, CHRIST ALEXATOS 1350 KINGS DRIVE CHARLOTTE 28207 OHIO STATE U	OTO/HNS AC 62 62 70 704 372-8750	LEE, YEN CHICH PO BOX 33549 CHARLOTTE 28233 CHINA MED COLL	AN AC 68 73 76 704 371-4049	MANGE, STEPHEN KENNEDY PO BOX 1570 DAVIDSON 28036 U OF SOU ALA	PD AC 80 83 86 704 892-7905
KOSSOVE, ALBERT ANTHONY 1530 ELIZABETH AVENUE CHARLOTTE 28204 MED COLL OF VA	IM/NTR L 38 40 41 704 377-5984	LEFKOWITZ, DAVID, III 2711 RANDOLPH RD. STE. 400 CHARLOTTE 28207 TULANE U	PDA/PD AC 65 65 78 704 372-7900	MARROUM, MARIE-CLAIRE PO BOX 32861 CHARLOTTE MEM. HOSP. CHARLOTTE 28232 U OF ST JOSEPH	PTH AC 68 76 78 704 338-2251
KOSSOVE, IRENE LEVY 1530 ELIZABETH AVENUE CHARLOTTE 28204 MED COLL OF VA	IM/GYN L 39 40 41 704 377-5984	LENNON, DAVID STANCL 2221 HOGAN CT. MATTHEWS 28105 U OF NC	AN AC 75 75 86 704 371-4049	MARSHALL, CHARLES FOSTER, JR. 1012 S. KINGS DRIVE CHARLOTTE 28283 MED U OF SC	OPH AC 69 69 79 704 376-6511
KOURI, EDWARD WILLIAMS 3535 RANDOLPH RD., STE. 102 CHARLOTTE 28211 U OF NC	R AC 68 68 74 704 365-0343	LESSER, PHILIP STEVEN 2608 E. SEVENTH ST. CHARLOTTE 28204 MED U OF SC	CHN/N AC 67 67 77 704 377-9323		

60. MECKLENBURG COMPONENT SOCIETY (Continued)

MARTIN, EDWARD STEPHENS 2711 RANDOLPH ROAD, SUITE 501 CHARLOTTE 28207 U OF PENN	PD AC 69 69 72 704 374-1736	MC GEE, JOHN ASBURY, JR. 3535 RANDOLPH ROAD, SUITE 105 CHARLOTTE 28211 U OF NC	GYN AC 58 58 66 704 365-0470	MILTON, CECIL JEROME 225 HAWTHORNE LANE CHARLOTTE 28204 BOWMAN GRAY	ORS AC 56 56 63 704 334-0809
MASSEY, CHARLES CASWELL, JR. 2028 RANDOLPH ROAD CHARLOTTE 28207 DUKE	CRS AC 61 61 67 704 333-1259	MCGINNIS, BARRY DOUGLAS 3535 RANDOLPH RD., STE. 102 CHARLOTTE 28211 U OF MICHIGAN	R AC 79 82 86 704 331-2274	MITCHENER, CALVIN CHAMBERS 1600 E. FIFTH STREET CHARLOTTE 28204 JEFFERSON	D AC 49 54 54 704 376-1523
MASSEY, THOMAS NEELY, JR. 217 TRAVIS AVENUE CHARLOTTE 28204 BOWMAN GRAY	CD AC 55 55 61 704 372-3350	MCGINNIS, LEE ANN M. PO BOX 32861 CHARLOTTE 28232 U OF MICHIGAN	AN AC 79 79 86 704 338-2372	MOCK, CHARLES GLENN BOX 917-0, ROUTE #1 MOREHEAD CITY 28557 U OF PENN	PTH L/RT 35 35 38 919 354-3153
MATTHEWS, DAVID CARY 2215 RANDOLPH ROAD CHARLOTTE 28207 U OF CINCINNATI	PS AC 74 75 83 704 372-6846	MCKAY, CLINTON HULL 5135 HARDISON RD. CHARLOTTE 28226 U OF TENNESSEE	IM L/RT 39 47 47 704 373-0700	MOKRIS, JEFFREY GEORGE 1822 BRUNSWICK AVE. CHARLOTTE 28207 U OF CINCINNATI	ORS AC 79 79 80 704 373-0544
MATTHEWS, WILLIAM CAMP RT. #4, BOX 142-B CHESTER, SC 29706 U OF VIRGINIA	IM/OM L/RT 37 37 39 803 385-6975	MCKAY, HAMILTON W., JR. 2711 RANDOLPH RD. STE. 400 P. O. BOX 221189 CHARLOTTE 28207 JOHNS HOPKINS	A/IG AC 55 56 61 704 372-7900	MONSON, ROBERT CHARLES, II 3535 RANDOLPH RD., STE. 201-W CHARLOTTE 28211 U OF MICHIGAN	GS AC 73 74 78 704 364-8100
MAUERHAN, DAVID ROBERT 1822 BRUNSWICK AVENUE CHARLOTTE 28207 U OF CINCINNATI	ORS AC 78 79 84 704 373-0544	MCLANAHAN, CHARLES SCOTT 1010 EDGEHILL ROAD, N. CHARLOTTE 28207 COLUMBIA U	NS AC 73 74 80 704 376-1605	†MONTGOMERY, JOHN CHRISTIAN 2022 NORTON ROAD DECEASED - 4-13-87 CHARLOTTE 28207 U OF PENN	AN L 32 32 36 704 334-4950
MAY, HARVEY CRAIG 2711 RANDOLPH ROAD, SUITE 305 CHARLOTTE 28207 TULANE U	GYN AC 42 50 50 704 372-8020	MCLEAN, JONATHAN OWENS 2330 RANDOLPH RD-LAUREL AVE. CHARLOTTE 28207 U OF NC	CD/IM AC 71 71 81 704 377-0575	MOORE, ARL VAN, JR. 5201 MORROWICK RD. CHARLOTTE 28226 U OF ARKANSAS	DR AC 74 74 85 704 365-0343
MAYER, WALTER BREM 2420--407 ROSWELL AVENUE CHARLOTTE 28209 U OF PENN	IM L/RT 30 32 33 704 333-4322	MCLEAN, MALCOLM 1851 E. THIRD STREET, STE. 103 CHARLOTTE 28204 U OF NC	PD AC 56 56 62 704 333-6659	MOORE, DAVID HUDDLER 7110 LAWYERS ROAD CHARLOTTE 28212 INDIANA U	PD/ID AC 76 76 81 704 568-6500
MCADAMS, CHARLES R., JR. 225 HAWTHORNE LN. STE. 401 CHARLOTTE 28204 JEFFERSON	GS/GYN AC 45 45 48 704 372-7741	MCLEOD, JONNIE HORN DEPT. OF HUMAN SERVICES UNC CHARLOTTE STATION CHARLOTTE 28223 TULANE U	PD AC 49 52 72 704 597-2171	MOORE, JOHN HERBERT, III 2115 EAST 7TH ST., STE. 104 CHARLOTTE 28204 EMORY U	GE/IM AC 77 80 83 704 377-4009
MCALISTER, JAMES ALLEN, JR 1901 RANDOLPH RD. CHARLOTTE 28207 BOWMAN GRAY	PTH/CLP AC 69 69 76 704 375-1758	MCLEOD, WILLIAM LESLIE 2711 RANDOLPH ROAD, STE. 305 CHARLOTTE 28207 LA STATE U	GYN AC 45 52 52 704 372-8020	MOORE, THOMAS JOSEPH 1822 BRUNSWICK AVE. CHARLOTTE 28207 LOYOLA U	ORS AC 75 75 86
MCALLISTER, DAVID WHITNEY 2711 RANDOLPH RD., STE. 512 CHARLOTTE 28213 BOWMAN GRAY	OBG AC 70 70 76 704 333-4104	MCLOUGHLIN, JILL HICKEY 217 TRAVIS AVE. CHARLOTTE 28207 U OF NC	IM AC 83 84 86 704 372-3350	MOOREFIELD, WM. GUERRANT, JR. 120 PROVIDENCE ROAD CHARLOTTE 28207 DUKE	ORS AC 69 69 77 704 377-0351
MCBRIDE, ROBERT BENNIS, JR. 101 W. T. HARRIS BLVD. #220A CHARLOTTE 28213 WEST VA U	ORS AC 80 81 85 704 547-1552	MCNAMARA, JOHN FRANCIS, II 2711 RANDOLPH ROAD, STE 512 CHARLOTTE 28207 OHIO STATE U	OBG AC 76 77 80 704 333-4104	MORTON, DUNCAN, JR. 2104 RANDOLPH ROAD CHARLOTTE 28207 U OF NC	PDS/GS AC 66 66 76 704 377-3900
MCBRYDE, ANGUS MURDOCH, JR. 1012 KINGS DR., STE. 101 CHARLOTTE 28283 DUKE	ORS AC 63 63 71 704 372-0743	MELARAGNO, HELEN P. 2001 E. FIFTH STREET CHARLOTTE 28204 MED U OF SC	FP AC 74 75 77 704 373-1663	MULLIS, WILLIAM FRANK 2215 RANDOLPH ROAD CHARLOTTE 28207 U OF PENN	PS/GS AC 68 69 76 704 372-6846
MCCALL, MARVIN MATHER, III P. O. BOX 32861 CHARLOTTE 28232 U OF NC	CD/IM AC 56 56 62 704 338-3165	MELTON, KATHERINE ROSE 1900 RANDOLPH RD. #718 CHARLOTTE 28207 MED COLL OF PENN	GS/NTR RT 54 55 60 704 332-6756	MUNDORF, GEORGE 6001 HEMBY ROAD MATTHEWS 28105 BOWMAN GRAY	P AC 46 47 53 704 846-1276
MCCARTY, RALPH LEEVES 843 HEMPSTEAD PL. CHARLOTTE 28207 TULANE U	CRS L/RT 42 46 47 704 333-1259	MENSCER, DARLYNE DEPT. OF FAMILY PRACTICE CHARLOTTE MEM. HOSP, BOX 32861 CHARLOTTE 28232 U OF NC	FP AC 79 79 75 704 338-3172	NADERI, MOHAMAD SIRUS 2001 VAIL AVE. MERCY HOSPITAL CHARLOTTE 28207 U OF TEHRAN	AN AC 51 76 79 704 375-4001
MCCOY, JOSEPH BENNETT, JR. 150 PROVIDENCE ROAD CHARLOTTE 28207 U OF PENN	GYN AC 50 50 54 704 377-0461	MERTESDORFF, JAMES MICHAEL 1350 S. KINGS DR. CHARLOTTE 28207 LOYOLA U	GE AC 78 78 85 704 372-8750	NAGY, BRIAN R. 501 BILLINGSLEY RD. CHARLOTTE 28211 CORNELL U	P AC 63 64 86 704 375-3575
MCCOY, THOMAS HATTON 2600 E. 7TH ST. PO BOX 35228 CHARLOTTE 28235 U OF NC	ORS AC 81 82 86 704 372-9820	METZEROTT, KIRK OLIVER 1600 E. THIRD ST. CHARLOTTE 28204 GEO WASHINGTON U	AN AC 52 53 74 704 843-3109	NASH, HOKE SMITH, JR. 1600 E. THIRD STREET CHARLOTTE 28204 VANDERBILT U	OTO AC 54 61 61 704 372-3300
MCCURDY, DONALD PITTARD 2200 E. 7TH ST. P. O. BOX 2874 CRS CHARLOTTE 28204 U OF NC	OPH AC 77 77 81	MILLER, EDITH HAMILTON 1350 S. KINGS DRIVE CHARLOTTE 28207 MED U OF SC	IM/END AC 75 76 82	NAUMOFF, PHILIP 1012 KINGS DRIVE CHARLOTTE 28283 DUKE	FP L 37 39 39 704 334-4665
MCELWEE, ROSS SIMONTON, JR. 3535 RANDOLPH RD. STE. 201-W CHARLOTTE 28211 CORNELL U	GS AC 44 52 52 704 364-8100	MILLER, ROBERT EVANS 1822 BRUNSWICK AVENUE CHARLOTTE 28207 U OF PENN	ORS AC 48 48 55 704 373-0544	NEAL, RUTHERFORD DOUGLAS 2214 THETFORD CT. CHARLOTTE 28211 MED COLL OF VA	GS/GYN L/RT 42 42 48 704 365-6541
MCELWEE, THOMAS BRENTON 3535 RANDOLPH RD. 201-W CHARLOTTE 28211 TULANE U	GS AC 80 81 86 919 757-4629	MILTICH, MICHAEL FIEGEL 1600 E. THIRD STREET CHARLOTTE 28204 WAYNE STATE U	OTO/HNS AC 78 79 84 704 372-3300	NEALE, WIRT THOMAS 149 PROVIDENCE ROAD CHARLOTTE 28207 U OF TENNESSEE	PD AC 69 70 75 704 377-5571

60. MECKLENBURG COMPONENT SOCIETY (Continued)

NESBIT, FREDERICK 1900 RANDOLPH ROAD, STE. 900 CHARLOTTE 28207 U OF GENEVA	P AC 53 57 77 704 333-7722	PARKERSON, WALTER TUCK 225 HAWTHORNE LANE CHARLOTTE 28204 DUKE	OPH AC 60 60 68 704 377-3689	PRESSLY, JAMES PATTERSON 3535 RANDOLPH ROAD CHARLOTTE 28211 MED U OF SC	OPH AC 68 68 77 704 364-8576
NESBIT, WILLIAM MICHAEL DOCTORS BLDG. SUITE 223 1012 S. KINGS DR. CHARLOTTE 28283 U OF VIRGINIA	N AC 62 62 70 704 333-2853	PARSONS, ROBERT GREGORY 3535 RANDOLPH RD. CHARLOTTE 28211 U OF FLORIDA	DR AC 69 71 76 704 365-0343	PRICE, GRADY EDWIN 2001 RANDOLPH ROAD CHARLOTTE 28207 DUKE	ORS AC 60 60 69 704 377-4907
NEWELL, ERNEST T. DUKE POWER MCGUIRE STA. PO BOX 448 CORNELIUS 28031 DUKE	OM /FP AC 50 53 54 704 588-1265	PASQUINI, JOHN ALDO 125 BALDWIN AVE. CHARLOTTE 28204 U OF CONNECTICUT	CD /IM AC 80 82 86 704 338-6300	PRIDE, HAROLD SYLVESTER 951 S. INDEPENDENCE #200 CHARLOTTE 28202 MEHARRY MED COLL	FP /PD AC 59 60 66 704 377-3015
NEWMAN, EDWIN 3535 RANDOLPH RD. CHARLOTTE 28211 U OF IOWA	R AC 61 67 68 704 364-0568	PAYNE, ROBERT BENJAMIN 3535 RANDOLPH ROAD CHARLOTTE 28211 U OF NC	IM /CD AC 60 60 64 704 365-0760	PRITCHARD, WILLIAM LEE 2711-204 RANDOLPH ROAD CHARLOTTE 28207 JOHNS HOPKINS	NS AC 56 62 63 704 333-2175
NEWTON, GRAHAM DOUGALD 1600 E. FIFTH STREET CHARLOTTE 28204 CORNELL U	D AC 54 54 61 704 376-1523	PENDER, JOHN ROBERT, III 1851 E. THIRD STREET, STE. 105 CHARLOTTE 28204 JEFFERSON	GS AC 47 47 55 704 332-4169	PUGH, JAMES EDWIN, JR. 126 COTTAGE PLACE CHARLOTTE 28207 U OF PENN	N AC 67 69 84 704 334-7311
NISS, GARY STEWART 1350 S. KINGS DR. CHARLOTTE 28207 U OF NC	CD AC 73 73 85 704 372-8750	PERRIN, THOMAS SAMUEL, JR. 3535 RANDOLPH ROAD CHARLOTTE 28211 JOHNS HOPKINS	IM AC 43 52 53 704 365-0760	PUTMAN, STEVEN FREDERICK 2608 E. SEVENTH ST. CHARLOTTE 28204 NORTHWESTERN U	N AC 78 80 85
NORRIS, CHARLES BRADLEY 1310 SCOTT AVENUE CHARLOTTE 28204 GEORGETOWN U	IM L 41 41 47 704 334-0450	PERRY, GLENN BRADFORD 1822 BRUNSWICK AVE. CHARLOTTE 28207 TEMPLE U	ORS /TRS AC 78 79 84 704 373-0544	QUERY, RICHARD ZIMRI, JR. 1903 QUEENS RD. WEST CHARLOTTE 28207 DUKE	RHU /IM L/RT 34 37 38 704 333-8055
NORTON, EVE GWENDOLYN 701 REGENCY DR. CHARLOTTE 28211 U OF CINCINNATI	EM AC 81 81 84 704 364-1038	PETTY, JERRY MILLER 1010 EDGEHILL ROAD, N. CHARLOTTE 28207 U OF NC	NS AC 60 60 69 704 376-1606	RANKIN, RUFUS PINKNEY, JR. 1851 E. THIRD STREET CHARLOTTE 28204 U OF PENN	GYN AC 52 52 56 704 332-8103
NOWLIN, GEORGE PRESTON 1868 MARYLAND AVENUE CHARLOTTE 28209 U OF VIRGINIA	U L/RT 24 29 30 704 334-0302	PFEIFFER, FREDERICK EARLY 126 COTTAGE PLACE CHARLOTTE 28207 VANDERBILT U	N /IM AC 76 79 86 704 334-7311	RANN, EMERY LOUELLE 1001 BEATTIES FORD ROAD CHARLOTTE 28216 MEHARRY MED COLL	FP L/RT 48 49 66 704 333-0721
O'BAR, PAUL RUPERT 1350 S. KINGS DRIVE CHARLOTTE 28207 U OF OKLAHOMA	IM /ID AC 57 57 71 704 372-8750	PHILLIPS, DEWITT DEWEY, JR. 1012 S. KINGS DR. STE. 822 CHARLOTTE 28283 BOWMAN GRAY	GP AC 46 47 48 704 375-6350	RANSON, JOHN LESTER, JR. 335 N. CASWELL ROAD CHARLOTTE 28204 JEFFERSON	IM AC 42 42 43 704 376-4852
O'NEILL, MICHAEL RAYMOND 1900 RANDOLPH RD., STE. 816 CHARLOTTE 28207 BOWMAN GRAY	U AC 76 78 82 704 334-3033	PITTS, WILLIAM REID 429 EASTOVER ROAD CHARLOTTE 28207 HARVARD	NS /GS L/RT 33 33 40 704 333-0407	RANSON, WILLIAM ALEXANDER 1012 S. KINGS DR. CHARLOTTE 28283 JEFFERSON	IM AC 48 48 53 704 374-0773
O'ROARK, HENRY CLYDE 2711 RANDOLPH RD. STE. 309 CHARLOTTE 28207 OHIO STATE U	OBG AC 57 57 82 704 377-3396	PIXLEY, ROLAND THEO 1023 EDGEHILL ROAD, SOUTH CHARLOTTE 28207 ST U OF NY-BUFF	OBG AC 46 52 53 704 373-1541	RAO, INNANJE RAVINDRANATH 2330 RANDOLPH AT LAUREL CHARLOTTE 28207 STANLEY MED COLL	CD /IM AC 65 66 76 704 377-0575
OLIVER, ANDREW BLAINE, JR. UNIV. MEDICAL OFFICE BLDG., STE. A323 CHARLOTTE 28213 MED COLL OF GA	OBG AC 81 84 84 704 372-8020	PLUNKETT, STEVEN ROCKWELL PO BOX 33549 CHARLOTTE 28233 MED COLL OF GA	ON AC 78 78 84 704 371-4189	RAPP, IRA HAMMES 1500 PROVIDENCE RD. CHARLOTTE 28207 U OF PENN	ORS RT 43 48 48 704 821-8528
OLIVER, KENNETH LEON 1900 RANDOLPH ROAD CHARLOTTE 28207 BOWMAN GRAY	OBG AC 65 66 73 704 377-5675	POLLARD, JOHN ALAN 1620 SCOTT AVE. CHARLOTTE 28211 U OF MANCHESTER	AN AC 62 67 86 704 331-2372	RATHBUN, MARY ANNE CHARLOTTE MEM. HOSPITAL P. O. BOX 32861 CHARLOTTE 28232 ALBANY MED COLL	NPM /PD AC 70 73 78 704 338-3156
OLSON, DAVID GEORGE 7108 PINEVILLE-MATTHEWS RD. NALLE CLINIC CHARLOTTE 28226 TULANE U	IM AC 74 74 82 704 542-1952	PORTER, CHARLES ALEXANDER 1712 E. FOURTH STREET CHARLOTTE 28204 JEFFERSON	OBG AC 66 66 73 704 375-9074	RAYMER, JAMES BARKER 1928 RANDOLPH ROAD CHARLOTTE 28207 CASE WESTERN RES	GS AC 53 53 61 704 333-6524
ORR, SAMUEL LAWRENCE CHARLOTTE MEMORIAL HOSPITAL P. O. BOX 32861 CHARLOTTE 28232 MED U OF SC	PTH AC 68 68 73 704 338-2251	POTTER, PATRICIA LYNN 6439 BENTRIDGE DR. CHARLOTTE 28207 BOWMAN GRAY	AN AC 76 76 84 704 377-1647	REAMES, PATRICK MARTIN PO BOX 33549 CHARLOTTE 28233 U OF TEXAS-SW	R AC 58 66 66 704 371-4056
OWEIDA, SAMI JOSEPH 1900 RANDOLPH RD. STE. 410 CHARLOTTE 28207 U OF PITTSBURGH	AC 79 85 86 704 334-4663	POWE, CHARLES EDWIN, JR. 3535 RANDOLPH ROAD, STE. 105 CHARLOTTE 28211 MED U OF SC	OBG AC 58 63 64 704 365-0470	REINDOLLER, ROBERT WILLIAM 1900 RANDOLPH RD. STE. 910 CHARLOTTE 28207 U OF MARYLAND	GE /IM AC 75 76 81 704 372-7974
PADEN, PAUL ALEXANDER 3125 BROOKRIDGE LANE CHARLOTTE 28211 U OF TENNESSEE	TR RT 32 32 63 704 366-7883	POWELL, JAMES MEYERS, JR. 2315 RANDOLPH ROAD CHARLOTTE 28207 U OF NC	P /CHP AC 68 68 78 704 377-4243	RENALDO, DONALD PHILIP 1900 RANDOLPH ROAD CHARLOTTE 28207 TEMPLE U	OPH AC 74 75 80 704 376-5424
PAGE, GEORGE DANTZLER 2128 QUEENS ROAD EAST CHARLOTTE 28207 EMORY U	GS L/RT 42 49 50 704 377-9788	POWERS, DOUGLAS FULLER 5517 EAGLE LAKE DR., SOUTH CHARLOTTE 28210 BAYLOR	CHP /P AC 47 47 76 704 588-2289	RHODES, MARSHA JERNIGAN 249 BILLINGSLEY ROAD CHARLOTTE 28211 U OF ALABAMA	PD AC 81 83 86 704 375-1885
PARKE, JAMES CLIFTON, JR. P. O. BOX 32861 CHARLOTTE 28232 U OF NC	PD /NPM AC 54 54 63 704 338-3156	PRESSLY, CLAUDE LOWRY 1863 CASSAMIA PL. CHARLOTTE 28211 U OF PENN	GS /TS L/RT 43 43 50 704 376-0327	RICE, WILLIAM CHARLES 1012 S. KINGS DR., STE. 806 CHARLOTTE 28283 U OF FLORIDA	U AC 69 69 74 704 334-6445
		PRESSLY, JAMES ALLEN 2300-B RANDOLPH ROAD CHARLOTTE 28207 U OF NC	ORS AC 66 66 74 704 375-5955	RILEY, JAMES CHARLES 125 BALDWIN AVE. CHARLOTTE 28204 TEMPLE U	IM /GE AC 67 68 74 704 374-1691

60. MECKLENBURG COMPONENT SOCIETY (Continued)

RIMER, BOBBY ALAN CHARLOTTE MEM. HOSP. PO BOX 32861 CHARLOTTE 28232 U OF NC	OBG AC 57 57 73	SAXE, JESSICA SCHORR 2216 DILWORTH ROAD, WEST CHARLOTTE 28203 TUFTS U	FP AC 77 78 81	SHOAF, EDWIN HUSS, JR. 491 N. WENDOVER RD. CHARLOTTE 28211 BOWMAN GRAY	IM AC 75 75 79
RIOPEL, DONALD AIME 1960 RANDOLPH ROAD CHARLOTTE 28207 U OF FLORIDA	PDC AC 63 66 84	SCHAFERMEYER, ROBERT WM. CHARLOTTE MEM. HOSPITAL P. O. BOX 32861 CHARLOTTE 28232 U OF MISSOURI	EM /PD AC 73 74 82	SHORT, EARL DEGREY, JR., 501 BILLINGSLEY RD. CHARLOTTE 28211 MED U OF SC	P AC 59 59 81
RITCH, DOUGLAS LAMAR 335 N. CASWELL ROAD CHARLOTTE 28204 U OF NC	IM AC 63 63 67	SCHNEIDER, PETER JOHN 101 W. T. HARRIS BLDG. CHARLOTTE 28213	OBG AC 74 72 87	SHULTZ, KIRKWOOD TANNER 125 BALDWIN AVE. CHARLOTTE 28204 DUKE	IM /END AC 66 66 71
ROBERSON, GEORGE DON 3535 RANDOLPH ROAD CHARLOTTE 28211 MED COLL OF VA	OTO /A AC 58 64 64	SCHOEN, WALTER 1350 S. KINGS DR. CHARLOTTE 28207 U OF PADOVA	U AC 67 67 74	SIGMON, JAMES LEWIS, JR. P. O. BOX 32861 CHARLOTTE 28232 U OF NC	FP AC 66 66 71
ROBERTS, THOMAS ADAMS, JR. 1350 S. KINGS DR. CHARLOTTE 28207 U OF NC	GE /IM AC 70 70 79	SCHOLL, GEORGE KENNETH, JR. 1012 KINGS DR., STE. 806 CHARLOTTE 28283 U OF TENNESSEE	OBG AC 57 61 65	SIGMON, RICHARD LEE, JR. 1900 RANDOLPH RD., STE. 910 CHARLOTTE 28207 U OF NC	GE AC 79 80 76
ROBERTS, WILLIAM STANLEY 1350 S. KINGS DR. CHARLOTTE 28207 U OF VIRGINIA	CD /IM AC 75 76 81	SCHUG, JOHN BUTLER 3535 RANDOLPH ROAD, SUITE 105 CHARLOTTE 28211 MED COLL OF VA	IM AC 70 70 75	SILBIGER, STEPHEN ALAN III FAIRVIEW PLAZA, STE. 100 5950 FAIRVIEW RD. CHARLOTTE 28210 SYRACUSE	IM AC 72 73 86
ROBICSEK, FRANCIS 1960 RANDOLPH ROAD CHARLOTTE 28207 U OF BUDAPEST	TS /CDS AC 50 58 59	SCHUMACHER, DONALD 335 N. CASWELL ROAD CHARLOTTE 28204 U OF BOLOGNA	D AC 69 70 76	SIPPE, JOSEPH LAWRENCE 1350 S. KINGS DRIVE CHARLOTTE 28207 MED COLL OF VA	OPH AC 68 68 73
ROBINSON, CHARLES WILSON 816 CHEROKEE RD. CHARLOTTE 28207 U OF PENN	GP L 30 30 32	SCHUPBACH, CURTIS WAYNE 1350 S. KINGS DRIVE CHARLOTTE 28207 WASHINGTON U	PTH AC 73 74 78	SLOTKIN, ROBERT IRVING 2317 RANDOLPH ROAD CHARLOTTE 28207 U OF VIRGINIA	PD AC 61 64 73
RODDEY, OLIVER FENNELL, JR. 2711-501 RANDOLPH ROAD CHARLOTTE 28207 U OF NC	PD AC 55 55 70	SCHWARTZ, JARED NAPHTALI P. O. BOX 33549 CHARLOTTE 28233 DUKE	PD /PDE AC 68 68 74	SMITH, HENRY LOUIS, II 1700 ABBEY PLACE CHARLOTTE 28209 U OF PENN	PD AC 66 66 72
ROEMER, CLIFFORD ERIC PO BOX 33549 CHARLOTTE 28233 CASE WESTERN RES	DR AC 76 76 81	SCHWARTZ, ROBERT PAUL CHARLOTTE MEM. HOSP. P. O. BOX 32861 CHARLOTTE 28232 U OF FLORIDA	D AC 67 67 74	SMITH, ROGER ENOS 125 BALDWIN AVE. CHARLOTTE 28204 U OF ILLINOIS	CD /IM AC 64 65 73
ROGERS, LARRY ARCH 1010 EDGEHILL ROAD, NORTH CHARLOTTE 28207 DUKE	NS AC 65 65 74	SCHWILM, ARLEN LEE 3535 RANDOLPH ROAD, SUITE 101 CHARLOTTE 28211 MED COLL OF VA	PTH AC 82 85 86	SMOLEN, PAUL MATHIEU 1851 E. THIRD ST. CHARLOTTE 28204 RUTGERS MED SCH	PD AC 78 79 83
ROPER, JOHN TRACY 2001 RANDOLPH ROAD CHARLOTTE 28207 MED U OF SC	ORS AC 55 55 65	SCHYMIK, LINDA GLAUBITZ 6913 HUNTFIELD DR. MATTHEWS 28105 DUKE	PD AC 78 80 81	SNITZ, ARNOLD IRA 2711 RANDOLPH ROAD CHARLOTTE 28207 U OF VIRGINIA	PD AC 75 75 79
ROSS, OTHO B., JR. 3022 FERNCLIFF RD. CHARLOTTE 28211 DUKE	IM L/RT 43 43 50	SCOTT, DEBORAH ANNETTE 1012 KINGS DR. STE. 1024 CHARLOTTE 28283 U OF NC	GP L 30 30 34	SNYDER, JOHN MICHAEL R.F.D. #3, BOX 120F WAXHAW 28173 U OF ALBERTA	AN AC 68 70 76
RUNGE, JEFFREY WILLIAM PO BOX 32861 CHARLOTTE 28232 MED U OF SC	EM AC 81 82 85	SEAY, HILLIS LEDBETTER PO BOX 528 HUNTERSVILLE 28078 VANDERBILT U	TS /CDS AC 68 69 76	SODEN, KEVIN JOSEPH 7019 WHITEMARSH COURT CHARLOTTE 28210 U OF FLORIDA	OM /EM AC 74 75 84
RUPPENTHAL, C. ROBERT, JR. 1350 S. KINGS DRIVE CHARLOTTE 28207 U OF PENN	IM /HEM AC 60 68 68	SELLE, JAY GREGORY 1960 RANDOLPH ROAD CHARLOTTE 28207 WAYNE STATE U	OT AC 59 64 64	SOMERSTEIN, DAVID EUGENE 3535 RANDOLPH ROAD CHARLOTTE 28211 MED U OF SC	U AC 66 66 73
RUSS, DONALD JAMES 3535 RANDOLPH ROAD CHARLOTTE 28211 U OF MARYLAND	IM AC 73 73 77	SENER, RICHARD GORDON 1350 KINGS DRIVE CHARLOTTE 28207 JOHNS HOPKINS	FP AC 45 47 48	SPANGENTHAL, SELWYN 1350 S. KINGS DR. CHARLOTTE 28207 U OF CAPE TOWN	PUD AC 74 74 84
RUTLEDGE, MARY LOUISE 2157 NORTON ROAD CHARLOTTE 28207 TEMPLE U	PD L/RT 48 49 51	SHAIA, WILLIAM HARRY 2125 BERRYHILL ROAD CHARLOTTE 28208 MED COLL OF VA	FP AC 45 47 48	SPAUGH, EARLE 411 N. WENDOVER RD. CHARLOTTE 28211 U OF PENN	PD /ADL AC 50 50 55
SALLEY, BRUNSON MARTIN PO BOX 18248 CHARLOTTE 28218 MED COLL OF GA	FP AC 64 65 67	SHAVER, EDWARD FRANKLIN, JR. 1851 E. THIRD STREET CHARLOTTE 28204 TULANE U	PS AC 75 75 85	SPIVEY, JAMES RICHARD 1928 RANDOLPH RD. STE. 211 CHARLOTTE 28207 TULANE U	IM AC 80 81 84
SALMON, ROBERT BRUCE 3535 RANDOLPH RD. CHARLOTTE 28211 WASHINGTON U	R AC 61 67 68	SHEARER, JAMES NEIL 2711 RANDOLPH RD., STE. 502 CHARLOTTE 28207 NEW YORK MED COLLEGE	OBG AC 69 75 78	STALLWORTH, WILLIAM KING 2711 RANDOLPH RD. #305-A CHARLOTTE 28207 TULANE U	OBG AC 59 63 63
SALTON, RUSSELL ARTHUR, III 1618 E. MOREHEAD ST. CHARLOTTE 28207 WEST VA U	FP AC 73 75 76	SHIRLEY, ROBERT E.L., JR. 1955 RANDOLPH ROAD CHARLOTTE 28207 MED COLL OF GA	P AC 61 61 67	STEAGALL, ROBERT WORTH, JR. 6434 SARDIS ROAD CHARLOTTE 28226 DUKE	D RT 55 55 65
SAMUELS, WALTER RAY 150 PROVIDENCE ROAD CHARLOTTE 28207 U OF NC	OBG AC 61 61 68	SHIVE, ROBERT MACGREGOR 1937 SELWYN AVENUE CHARLOTTE 28207 U OF NC	P AC 61 61 67	STEIGER, HOWARD PAUL 2222 SELWYN AVE. CHARLOTTE 28207 DUKE	D L/RT 39 47 47

60. MECKLENBURG COMPONENT SOCIETY (Continued)

STEPHENS, KATHRYN JOHNSON 2230-B RANDOLPH RD. CHARLOTTE 28207 U OF NC	OBG AC 78 78 75 704 338-9752	TIDWELL, JOHN WILLIAM, II 1900 RANDOLPH ROAD CHARLOTTE 28207 U OF MICHIGAN	OBG AC 65 66 73 704 377-5675	VERROSS, WILLIAM EDWARD 1023 EDGEHILL ROAD, S. CHARLOTTE 28207 MED COLL OF GA	OBG AC 74 75 81 704 373-1541
STERNBERGH, W.C.A. 1300 REECE RD. APT. 419 CHARLOTTE 28209 U OF VERMONT	R L 33 00 48	TILLETT, CHARLES WALTER, JR. 2130 SHARON LANE CHARLOTTE 28211 JOHNS HOPKINS	OPH AC 46 46 55 704 372-3990	VESANO, JACK LEE 225 HAWTHORNE LN. #205 CHARLOTTE 28204 WEST VA U	ORS AC 68 68 73 704 334-0809
STORY, WILLIAM ROBERT 1012 KINGS DRIVE CHARLOTTE 28283 U OF NC	U AC 58 58 68 704 334-6449	TOLENTINO, ANITA CHUA 6842 N. BALUSTROL LANE CHARLOTTE 28210 U OF SANTO TOMAS	AN AC 71 74 78 704 552-8511	VISSER, PHILIP ALBERT 2115 E. 7TH ST., STE. 104 CHARLOTTE 28204 U OF IOWA	GS/CRS AC 76 77 84 704 333-1574
STOWE, CLEVELAND 1600 E. THIRD ST. CHARLOTTE 28204 BOWMAN GRAY	OPH AC 76 77 84 704 372-3300	TRACY, JOHN WILLIAM 1618 E. MOREHEAD ST. CHARLOTTE 28207 U OF NC	FP AC 82 83 86 704 377-3610	VISSER, VALYA ELIZABETH DEPT. OF PEDIATRICS CHARLOTTE MEM. HOSP. BOX 32861 CHARLOTTE 28232 U OF IOWA	NPM /PD AC 73 74 85 704 338-3156
STRATTON, JAMES DAVID 5150 SHARON ROAD CHARLOTTE 28210 RUSH MED COLL	OPH L/RT 37 38 47 704 554-7176	TSAI, GEORGE SHOU-CHYUAN P. O. BOX 430 INDIAN TRAIL 28079 CHINA MED COLL	GP AC 70 77 80 704 821-7056	WACHTER, FRANCIS WILFRED PO BOX 33549 CHARLOTTE 28233 JEFFERSON	PTH AC 60 61 75 704 371-4814
STUCKEY, CHARLES LEGRAND 1515 ELIZABETH AVENUE CHARLOTTE 28204 U OF VIRGINIA	IM L 40 46 47 704 333-1116	TUCKER, PAUL CHAMBLISS, JR. NALLE CLINIC 1350 S. KINGS DR. CHARLOTTE 28207 MED COLL OF GA	GE /IM AC 65 65 73 704 372-8750	WAGONER, DAVID KIRK 332 LILLINGTON AVENUE CHARLOTTE 28204 U OF NC	PD AC 71 71 78 704 376-4493
SUGG, WILLIAM CASWELL, JR. 2711 RANDOLPH ROAD, SUITE 100 CHARLOTTE 28207 EMORY U	IM /PUD AC 61 62 67 704 373-0700	TUCKER, WALTER ROBERT 1618 E. MOREHEAD ST. CHARLOTTE 28207 U OF NC	FP AC 74 74 75 704 377-3610	WALKER, ANDREW WILLIAM 2215 RANDOLPH ROAD CHARLOTTE 28207 VANDERBILT U	PS /HS AC 60 60 69 704 372-6846
SUNDBERG, THOMAS CLARKE 1335 ROMANY ROAD CHARLOTTE 28204 WUERZBURG U.GERM	RHU AC 77 79 83 704 375-1719	TUCKER, WILLIAM STUART, JR. 1350 S. KINGS DR. CHARLOTTE 28207 U OF VIRGINIA	IM /END AC 78 81 85 704 372-8750	WALKER, ANNE ENGLISH 226 BALDWIN AVENUE CHARLOTTE 28207 U OF NC	PD AC 80 83 84 704 332-8139
SUTTON, RICHARD LORING 5040 KIMBLEWYCK LANE CHARLOTTE 28226 OHIO STATE U	EM AC 74 75 79 704 365-3076	TUGGLE, ALLAN DAVIS 2335 FOREST DRIVE CHARLOTTE 28211 U OF LOUISVILLE	R L 26 40 41 704 366-4089	WALKER, PHILLIP JACKSON 928 BAXTER ST. CHARLOTTE 28204 U OF VIRGINIA	NEP /IM AC 64 64 78 704 374-1321
SVENSON, ROBERT HAROLD 1960 RANDOLPH ROAD CHARLOTTE 28207 U OF CHICAGO	CD /IM AC 69 70 75 704 373-1503	TURNER, MURRAY WELLS 125 BALDWIN AVE. NORTH HILLS CHARLOTTE 28204 BOWMAN GRAY	IM /NEP AC 80 81 77 704 338-6300	WALKER, THOMAS ENGLISH 226 BALDWIN AVENUE CHARLOTTE 28204 HARVARD	PD AC 50 50 53 704 332-8139
SWETENBURG, RAYMOND LEE, JR. 2711 RANDOLPH ROAD CHARLOTTE 28207 DUKE	PD AC 76 78 79 704 374-1736	UGLAND, DAVID NELS 100 QUEENS RD. CHARLOTTE 28204 BAYLOR	OPH AC 80 80 86 704 332-1156	WALKER, WILLIAM ALFRED 2028 RANDOLPH RD. CHARLOTTE 28207 U OF NC	CRS /GS AC 78 79 75 704 333-1259
TART, JAMES MILTON, JR. MERCY MED. CTR. PARK PINEVILLE 28134 TEMPLE U	OBG AC 53 57 58 704 376-3536	ULLRICH, CHRISTOPHER GEORGE 2631 ROTHWOOD DR. CHARLOTTE 28211 SYRACUSE	DR AC 76 76 86 704 365-0343	WANNAMAKER, EDWARD JONES RT. #3, BOX 250 CHARLOTTE 28210 U OF PENN	IM L/RT 21 24 25 704 372-5125
TAYLOR, ANDREW DUVAL 2610 SELWYN AVENUE CHARLOTTE 28209 U OF MARYLAND	A L/RT 34 34 37 704 334-2397	VADNAIS, PAUL ALFRED 2308 WYTHE HOUSE CT. CHARLOTTE 28226 U OF NC	AN AC 79 84 76 704 364-9135	WARD, SIMON V., III 2711 RANDOLPH RD. STE. 305 CHARLOTTE 28207 LA STATE U	OBG AC 41 81 87 704 372-8020
TAYLOR, FREDERICK HARVEY 1900 RANDOLPH RD. #206 CHARLOTTE 28207 DUKE	TS /CDS AC 45 45 54 704 372-1306	VALERI, FRANK SCOTT 2330 RANDOLPH RD. CHARLOTTE 28207 PENN STATE U	CD /IM AC 80 81 85 704 377-0575	WARD, WILLIAM ALAN 120 PROVIDENCE RD. CHARLOTTE 28207 U OF PITTSBURGH	ORS AC 79 79 86 704 377-0351
TAYLOR, JOHN BRUCE 449 N. WENDOVER RD. CHARLOTTE 28211 MED COLL OF VA	OBG AC 78 80 83 704 376-0360	VAN-HOY, JOE MILTON 3735 ABINGDON ROAD CHARLOTTE 28211 DUKE	GS L/RT 38 38 49 704 364-5069	WARNER, CHARLES ERNEST 1700 ABBEY PLACE CHARLOTTE 28209 DUKE	PD AC 58 58 63 704 523-7232
THALINGER, ALAN ROBERT 3535 RANDOLPH ROAD CHARLOTTE 28211 U OF VIRGINIA	ON /IM AC 72 72 79 704 365-0760	VANDIVER, THOMAS JACKSON 150 PROVIDENCE ROAD CHARLOTTE 28207 EMORY U	NS AC 79 80 86 704 376-1605	WARREN, CASPER CARL, JR. RT. #6, BOX 368 MOORESVILLE 28115 U OF NC	AN AC 59 59 60 704 664-1640
THOMAS, ACHAMMA 11005 HUNTOVER DR. ROCKVILLE, MD 20852 CALICUT U	IM RT 57 57 73 301 881-0229	VANDER VEER, CRAIG ANDREW 1010 EDGEHILL CHARLOTTE 28207 CHICAGO MED SCH	OBG AC 76 78 81 704 377-0461	WARREN, THOMAS LINSON 4401 COLWICK RD., STE. 702 CHARLOTTE 28211 WEST VA U	AN AC 78 79 85 704 379-5943
THOMASON, MICHAEL HALE PO BOX 32861 CHARLOTTE 28232 U OF NC	GS AC 78 79 75 704 331-3176	VERHOEFF, DIRK SEASIDE SPARROW 12 HILTON HEAD ISLAND, SC 29928 U OF UTRECHT	PUD L/RT 36 33 54 603 671-2665	WATKINS, CARLTON GUNTER 3500 ELLINGTON STREET CHARLOTTE 28211 WASHINGTON U	PD AC 43 43 46 704 372-7790
THOMLEY, ALAN MILES 1960 RANDOLPH ROAD CHARLOTTE 28207 U OF MIAMI	CD /IM AC 77 78 85 704 373-1503	VERMEULEN, FRED DONALD 2028 RANDOLPH ROAD CHARLOTTE 28207 CASE WESTERN RES	CRS /GS AC 76 77 83 704 333-1259	WATSON, DAVID WILLIAM 1900 RANDOLPH RD., STE. 506 CHARLOTTE 28207 SYRACUSE	U AC 64 64 73 704 375-2544
THOMPSON, JOHN ALBERT, JR. 2310 RANDOLPH ROAD CHARLOTTE 28207 BOWMAN GRAY	D AC 67 67 74 704 376-9849	VERNER, HUGH DAVID 212 S. TRYON ST., STE. 1500 CHARLOTTE 28281 JOHNS HOPKINS	IM AC 43 47 50 704 365-0760	WEBSTER, JOEL STOOPS 2330 RANDOLPH AT LAUREL CHARLOTTE 28207 U OF MARYLAND	CD /IM AC 53 53 74 704 377-0575
THOMPSON, WILLARD CHANDLER, JR. 3535 RANDOLPH RD., 201-W CHARLOTTE 28211 CORNELL U	GS AC 50 55 55 704 364-8100			WEEKS, KENNETH DURHAM, JR. 125 BALDWIN AVENUE CHARLOTTE 28204 DUKE	IM /CD AC 74 78 84 704 338-6300

60. MECKLENBURG COMPONENT SOCIETY (Continued)

WELTON, DAVID GOE 3535 RANDOLPH RD. STE. W101 CHARLOTTE 28211 U OF WISCONSIN	D L 35 39 39 704 364-6110	WILLIAMS, WILLIAM THOMAS, JR. MAIN ST., BOX 1570 DAVIDSON 28036 BAYLOR	IM /PD AC 73 73 79 704 892-7905	WORTMAN, WILLIAM J., JR. 2711 RANDOLPH RD. #309 CHARLOTTE 28207 BOWMAN GRAY	GYN /OBS AC 64 64 76 704 376-1580
WHEELER, ANTHONY H. 1900 BRUNSWICK AVE. CHARLOTTE 28207 U OF NC	N AC 77 77 87 704 377-9323	WILLIAMSON, JOYCE M. 3535 RANDOLPH ROAD, 101-W CHARLOTTE 28211 U OF EDINBURGH	D AC 58 66 67 704 364-6110	WRENN, RICHARD NICKLES 1822 BRUNSWICK AVENUE CHARLOTTE 28207 DUKE	ORS AC 47 55 56 704 373-0544
WHITE, MACK WILLIS, III 7108 MATTHEWS-PINEVILLE RD. CHARLOTTE 28226 U OF NC	IM AC 79 80 75 704 542-1952	WILSON, B. HADLEY 1960 RANDOLPH RD. CHARLOTTE 28207 DUKE	CD AC 80 81 76 704 373-1503	WRIGLEY, RUTH LEYMEISTER 4516 RANDOLPH RD., #131 CHARLOTTE 28211 TEMPLE U	FP /P AS 38 38 71 704 366-5479
WHITE, THOMAS HUGH 1851 E. THIRD STREET CHARLOTTE 28204 DUKE	OBG AC 59 59 65 704 332-8103	WILSON, HENRY VANPETERS, III 3535 RANDOLPH RD., 201-W CHARLOTTE 28211 JOHNS HOPKINS	GS /TS AC 61 64 67 704 364-8100	WYNN, ROY SPURGEON 1721 OAKLAWN AVENUE CHARLOTTE 28216 HOWARD U	OPH RT 33 34 67 704 332-2035
WHITE, THOMAS RHYNE 10724 PARK ROAD CHARLOTTE 28210 DUKE	FP AC 80 80 77 704 542-9227	WING, RICHARD LEE PO BOX 32861 CHARLOTTE MEM. HOSPITAL CHARLOTTE 28232 U OF NC	OBG AC 76 76 85 704 338-3149	YOUNG, JOHN ADAM, II 1600 E. THIRD STREET CHARLOTTE 28204 U OF NC	OPH AC 60 60 67 704 372-3300
WHITE, WILLIAM ELLIOTT 2711 RANDOLPH RD., STE. 301 CHARLOTTE 28207 BOWMAN GRAY	PD AC 46 47 53 704 332-6332	WINGERT, JOHN GEORGE 1955 RANDOLPH ROAD CHARLOTTE 28207 U OF IOWA	OBG AC 55 65 65 704 376-3536	YOUNT, JAMES ALVIN 3535 RANDOLPH ROAD CHARLOTTE 28211 U OF NC	CD /CD AC 66 66 74 704 365-0760
WHITESIDE, JOHN HARVEY 150 PROVIDENCE ROAD CHARLOTTE 28207 U OF TORONTO	OBG AC 57 57 74 704 377-0461	WISE, DANIEL EDWIN 1350 S. KINGS DRIVE CHARLOTTE 28207 OHIO STATE U	CD AC 69 69 77 704 372-8750	YUDELL, ROBERT BENJAMIN 309 S. LAUREL AVENUE CHARLOTTE 28207 DUKE	OPH AC 54 57 61 704 372-4380
WHITLOCK, GARY THOMAS, III 201 S. COLLEGE #1370 CHARLOTTE 28244 U OF NC	AC 78 80 81 704 373-2121	WISE, FRED EUGENE, JR. 1350 S. KINGS DRIVE CHARLOTTE 28207 MED COLL OF VA	DR AC 45 54 55 704 372-8750	ZIMMERMAN, GERALD DAVID MERCY HOSPITAL 2001 VAIL AVE. CHARLOTTE 28207 M C OF WISCONSIN	R /NM AC 62 62 70 704 379-5860
WIDENER, HERBERT LLOYD 1350 S. KINGS DRIVE CHARLOTTE 28207 MED COLL OF VA	RHU /IM AC 68 77 78 704 372-8750	WISSING, JOEL ALLEN 1611 E. THIRD ST. CHARLOTTE 28204 U OF ALABAMA	R AC 73 74 85 704 333-0224	ZIMMERN, SAMUEL HYAMS 1960 RANDOLPH ROAD CHARLOTTE 28207 JOHNS HOPKINS	CD /IM AC 74 74 83 704 373-1503
WILKERSON, EARL RANDOLPH, JR. 3535 RANDOLPH ROAD CHARLOTTE 28211 EMORY U	OPH AC 64 64 71 704 364-8576	WOOD, KENNETH ERVIN 1350 S. KINGS DRIVE CHARLOTTE 28207 U OF FLORIDA	GYN L 42 42 46 704 377-0461	ZOLLINGER, RICHARD WILLIAM, II 1900 RANDOLPH RD., STE. 206 CHARLOTTE 28207 CHICAGO MED SCH	TS /CDS AC 78 79 86 704 372-1306
WILLIAMS, CHARLES D. 734 LANSLOWNE RD. CHARLOTTE 28226 DUKE	PUD /IM AC 50 54 57 704 366-6687	WOODY, JOE HARRIS 4335 COLWICK RD. CHARLOTTE 28211 BOWMAN GRAY	ORS AC 70 71 78 704 372-8750	ZUGER, JAMES HERMAN 6011 BENTWAY DR. CHARLOTTE 28226 BOSTON U	OPH AC 58 58 65 704 364-7400 704 541-6011

61. MITCHELL-YANCEY COMPONENT SOCIETY

OFFICERS—President: Garland Wampler, M.D., Main St., Burnsville 28777					
Secretary: Thomas S. Kaluzynski, M.D., 408 Altapass Rd., Spruce Pine 28777					
BUCHANAN, HARRY GLENN 203 BROAD STREET SPRUCE PINE 28777 WEST VA U	FP AC 64 67 68 704 765-7361	HORNER, JACK CHENOWETH 37 PACES WEST PLACE ATLANTA, GA 30327 GEO WASHINGTON U	GS L/RT 37 51 51 404 237-4651	SARGENT, WINSTON ARTHUR Y. 37 SUMMIT ST. BURNSVILLE 28714 U OF VERMONT	GP L/RT 30 31 54
PORT, CAROLYN RAY P. O. BOX 188 BURNSVILLE 28714 BOWMAN GRAY	PD AC 70 70 79 704 682-6912	JOHNSON, JAMES NOLEN 24 DEER PARK LAKE DR. SPRUCE PINE 28777 U OF TENNESSEE	FP AC 57 58 59		

62. MONTGOMERY COMPONENT SOCIETY

OFFICERS—President: Michael B. Daley, M.D., 423 Wood St., Troy 27371 (919 572-3779)					
Secretary: Fred E. Wier, M.D., P.O. Drawer D, 506 Wood St., Troy 27371 (919 572-3737)					
ANDREWS, VERNON LILES RT. #2, BOX 2049-A MOUNT GILEAD 27306 COLUMBIA U	FP L/RT 42 42 47 919 439-5516	GIBSON, JACKSON V. 423 WOOD STREET TROY 27371 U OF NC	IM AC 80 80 84 919 572-3779	JANTZ, ROBERT JOSEPH P. O. BOX 128 MOUNT GILEAD 27306 TEMPLE U	FP AC 81 83 84 919 439-5511
ALLEY, JAMES PAUL 506 WOOD ST. TROY 27371 U OF KENTUCKY	GS AC 66 67 74 919 572-3737	GLENN, JOHN CAPERS, JR. 514 WOOD STREET TROY 27371 DUKE	R /NM AC 43 47 47 919 572-3475	JOHNSON, PETER GRAHAM P. O. BOX 577 MOUNT GILEAD 27306 DALHOUSIE U	FP AC 76 77 78 919 439-6831
ALEY, MICHAEL BERNARD 423 WOOD STREET TROY 27371 MED U OF SC	IM AC 78 79 82 919 572-3779	HIGHSMITH, CHARLES P. O. BOX D TROY 27371 GEO WASHINGTON U	GS /ORS L/RT 42 42 52 919 576-5511	SCARBOROUGH, CHARLES F., JR. PO BOX 159 STAR 27356 JEFFERSON	GP AC 46 47 50 919 428-2144

62. MONTGOMERY COMPONENT SOCIETY (Continued)

WIER, FRED EUGENE 506 WOOD ST. TROY 27371 LOMA LINDA U	GS /CDS AC 74 74 82 919 572-3737	WOLF, RICHARD CHARLES 508 WOOD STREET TROY 27371 U OF NC	FP AC 78 79 82 919 572-3656
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63. MOORE COMPONENT SOCIETY

OFFICERS—**President:** Clifford J. Long, M.D., P.O. Box 2000, Pinehurst 28374 (919 295-5552)**Secretary:** William Stewart, M.D., 195 W. Illinois Ave., Southern Pines 28387 (919 692-2444)

ALLEN, DAVID GEOFFREY PINEHURST MEDICAL CLINIC PO BOX 551 PINEHURST 28374 DUKE	ON /ON AC 67 67 76 919 295-5511	FRANCIS, EDWIN HOWARD 9 VILLAGE GREEN SOUTHERN PINES 28387 DOWNSTATE ME CTR	EM RT 40 41 74 919 295-7777	LARSEN, ERIC P. O. BOX 2000 PINEHURST 28374 CASE WESTERN RES	GS /CDS AC 65 65 72 919 295-1762
ANDREWS, ELLEN PO BOX 1749 PINEHURST 28374 U OF VERMONT	N /P AC 75 75 87 919 295-6868	GADD, DUWAYNE DOUGLAS PINEHURST SURGICAL CLINIC PINEHURST 28374 U OF MICHIGAN	U AC 46 56 56 919 295-0252	LINA, JOHN RAYMOND 203 RIDGEVIEW ROAD SOUTHERN PINES 28387 MED SCH-UMDNJ	DR /R AC 73 74 81 919 295-7040
AUSTIN, HENRY VANN PINEHURST MEDICAL CLINIC PO BOX 551 PINEHURST 28374 DUKE	RHU AC 67 67 74 919 295-5511	GRIER, JOHN CALVIN, JR. P. O. BOX 819 PINEHURST 28374 JEFFERSON	P L 40 40 47 919 295-6166	LINEBERGER, THOMAS H. 1901-C N. SANDHILL BLVD. ABERDEEN 28315 U OF NC	IM AC 80 81 84 919 692-4011
BRUTON, HENRY DAVID 195 W. ILLINOIS AVE. SOUTHERN PINES 28387 U OF NC	PD AC 61 61 67 919 692-2444	HARTSELL, CHARLES JACOB, JR. MOORE MEMORIAL HOSPITAL PINEHURST 28374 DUKE	AN AC 58 58 63 919 295-6861	LONG, CLIFFORD JAMES P. O. BOX 2000 PINEHURST 28374 WAYNE STATE U	OGB AC 77 78 81 919 295-0286
BULLEN, DORIS C.M. PO BOX 56 DARTMOUTH CLINIC, PA SOUTHERN PINES 28387 U OF CAPE TOWN	P AC 54 54 87 919 692-6471	HASERICK, JOHN ROGER P. O. BOX 669 PINEHURST 28374 U OF MINN	DMP /D AC 41 41 70 919 295-5567	LOOMIS, FRANK JOSEPH 527-B EAGLE ROAD WHISPERING PINES 28327 U OF MICHIGAN	EM /GP AC 49 50 74 919 295-7777
CADDELL, TILLIE HORKEY P. O. BOX 519 PINEHURST 28374 MED COLL OF GA	GP L 51 52 62 919 295-5511	HENDERSON, GEORGE P., JR. PINEHURST SURGICAL CLINIC PINEHURST 28374 U OF NC	HNS /OTO AC 64 64 72 919 295-0242	MARCHETTI, LOUIS JOSEPH MIDSOUTH UROLOGY CTR., PA BOX 3, TWO MEMORIAL DR. PINEHURST 28374 MED SCH-UMDNJ	U AC 64 64 72 919 295-2402
CARTER, STEVEN RAYMOND 355 AZALEA RD. SOUTHERN PINES 28387 BOWMAN GRAY	AN AC 78 80 82 919 692-2273	HENNESSEN, JOHN A. PO BOX 1650 PINEHURST 28374 NEW YORK MED COL	ORS AC 48 49 87 919 295-4130	MARTIN, ROBERT GALE 2170 MIDLAND ROAD SOUTHERN PINES 28387 U OF NC	OPH AC 68 68 78 919 295-2100
CHIULLI, RICHARD ALLEN 137 JAMES CREEK ROAD SOUTHERN PINES 28387 BOSTON U	GS AC 77 81 82 919 295-1141	HIATT, JOSEPH SPURGEON, JR. 1645 MIDLAND RD. SOUTHERN PINES 28387 DUKE	IM /PUD L 39 41 45 919 295-5511	MCDEVITT, NOEL BRUCE 1 MEMORIAL DR. PINEHURST 28374 U OF NC	PS /PSF AC 64 64 72 919 295-5131
CLARK, THEODORE RUST PO BOX 56 SOUTHERN PINES 28387 HARVARD	P /N AC 51 52 75 919 692-6471	HOSTETLER, HERBERT JAMES 52 RED FOX RUN PINEHURST 28374 U OF ILLINOIS	AN AC 59 60 84 919 295-4606	MCFADDEN, JAMES STUART 1290 E. INDIANA AVE. SOUTHERN PINE 28387 U OF NC	AN AC 71 71 78 919 295-7184
COLLINS, FRANCIS FARRELL, JR. 205 PAGE RD. PINEHURST 28374 U OF VERMONT	IM /PUD AC 72 73 77 919 295-5511	HUCKS-FOLLISS, ANTHONY GEORGE P. O. BOX 2000 PINEHURST 28374 U OF VIRGINIA	NS AC 69 69 75 919 295-1843	MCLEOD, VIDA CANADAY WEYMOUTH APTS., BOX 2001 SOUTHERN PINES 28387 BAYLOR	GP L/RT 19 31 31 919 692-0333
COX, STANLEY CULLEN, III 205 CREST ROAD SOUTHERN PINES N C 28387 U OF COLORADO	OTO AC 68 68 76 919 295-6831	JACOBSON, PETER LARS P. O. BOX 1749 PINEHURST 28374 WASHINGTON U	N /IM AC 77 78 80 919 295-6868	MCMILLAN, ROBERT MONROE PO BOX 178 SOUTHERN PINES 28387 JOHNS HOPKINS	IM L/RT 38 38 46 919 692-6885
DANIEL, LOUIS BROADDUS, JR. PINEHURST SURGICAL CLINIC PINEHURST 28374 BOWMAN GRAY	ORS AC 56 56 63 919 295-1042	JACOBSON, SEVERT HAROLD P. O. BOX 2000 PINEHURST 28374 U OF MINN	NS AC 65 65 78 919 295-1291	MINCEY, GREGORY JULIAN 2170 MIDLAND ROAD SOUTHERN PINES 28387 EMORY U	OPH AC 77 79 83 919 295-2100
DAUGHTRIDGE, CLAY C., JR. P. O. BOX 519 205 PAGE ROAD PINEHURST 28374 BOWMAN GRAY	IM /CD AC 59 59 67 919 295-5511	JACQUES, ROBERT SAMUEL P. O. BOX 695 PITTSBORO 27312 LOMA LINDA U	EM /FP AC 53 54 55 919 295-7777	MONROE, CLEMENT ROSENBERG P. O. BOX 1000 PINEHURST 28374 U OF MARYLAND	GS L/RT 24 25 30 919 295-5694
ELLIOTT, HARDIE BISHOP 47 VILLAGE GREEN SOUTHERN PINES 28387 U OF TEXAS	EM AC 37 37 74 919 692-7451	KICHERER, HARRY JAY 885 ST. ANDREWS DR. PINEHURST 28374 GEO WASHINGTON U	R AC 48 48 87 919 295-1706	MONROE, JOHN LAUCHLIN PINEHURST SURGICAL CLINIC PINEHURST 28374 U OF NC	OTO /HNS AC 62 62 69 919 295-2161
ELLIS, JOHN NELSON PINEHURST SURGICAL CLINIC PINEHURST 28374 U OF KANSAS	ORS AC 66 67 74 919 295-6831	KILPATRICK, WILBUR KIRBY, JR. P. O. BOX 2000 PINEHURST 28374 U OF NC	OGB AC 64 64 76 919 295-1391	MORRISON, HUGH MAXWELL, JR. P. O. BOX 460 PINEHURST 28374 U OF NC	OPH AC 57 57 63 919 295-6809
FELTON, ROBERT LEE, JR. PO BOX 57 WATERFORD, VA 22190 U OF PENN	GP L 27 27 30 703 882-3743	KRUSE, RICHARD STEVEN PO BOX 1795 SOUTHERN PINES 28387 GEORGETOWN U	DR /NM AC 71 72 79 919 692-9667	MUNSEY, FRANKLIN ALBERT 424 LOVE 15 DRIVE PINEHURST 28374 BOSTON U	PD AC 44 49 85 919 295-5659
FLEURY, ROBERT ANDRE PO BOX 56 SOUTHERN PINES 28387 BOWMAN GRAY	P AC 77 78 83 919 692-6471	LAM, DOUGLAS EDWARD 105 PERRY DRIVE SOUTHERN PINES 28387 WAYNE STATE U	FP AC 76 77 84 919 692-4802	NEVILLE, CECIL HOWELL, JR. PINEHURST ORS CLINIC P. O. BOX 1650 PINEHURST 28374 U OF NC	PTH /BLB AC 66 69 75 919 295-7978

63. MOORE COMPONENT SOCIETY (Continued)

OAKLEY, WARD SAYRE, JR. P. O. BOX 1650 PINEHURST 28374 U OF TENNESSEE	ORS AC 75 76 84 919 295-4200	SAWYER, THOMAS R. PO BOX 2445 PINEHURST 28374 U OF MICHIGAN	OPH AC 55 55 87 919 295-2100	STUBER, ROBERT LEO MOORE MEMORIAL HOSPITAL PINEHURST 28374 ST LOUIS U	PTH /DMP AC 56 63 65 919 295-7135
OWENS, FRANCIS LEROY 510 N. W. BROAD STREET SOUTHERN PINES 28387 DUKE	GP /ABS L 34 35 38 919 692-6022	SCHNELL, EDWARD WALTER 1902-D N. SANDHILLS BLVD. ABERDEEN 28315 LOYOLA U	OPH AC 54 54 77 919 692-4468	SUTHER, THOMAS CORNELIUS, JR. MCCAIN HOSPITAL MCCAIN 28361 U OF NC	P /GP AC 56 56 70 919 944-2351
PATTERSON, F. M. SIMMONS, JR. PO BOX 519 205 PAGE ROAD PINEHURST 28374 U OF PENN	CD /IM AC 71 71 78 919 295-5511	SHERRINGTON, BRIAN THOMAS 195 W. ILLINOIS AVE. SOUTHERN PINES 28387 U OF FLORIDA	PD AC 73 74 77 919 692-2444	SWANTKOWSKI, THOMAS MARIAN 205 PAGE RD. PO BOX 519 PINEHURST 28374 TEMPLE U	IM /GE AC 78 79 86 919 295-5511
PATTERSON, RONALD HALFORD 1902-J N. SANDHILLS BLVD. ABERDEEN 28315 MED COLL OF VA	ORS AC 71 71 77 919 295-1471	SIEGE, ALFRED GEOFFREY PO BOX 786 PINEHURST 28374 NEW YORK MED COL	PH /GPM L/RT 43 65 66 919 692-8899	TARLETON, HAROLD LEWIS PO BOX 649 WEST END 27376 U OF CALIF-LA	FP /EM AC 66 69 85 919 673-2403
PHILLIPS, CHARLES A. SPEAS 165 PAGE ROAD, #2 PINEHURST 28374 NORTHWESTERN U	AC 47 49 54 919 295-5311	SMITH, JERRY EDWARD PO BOX 2000 PINEHURST SURGICAL CLINIC PINEHURST 28374 U OF NC	OBG AC 61 61 71 919 295-0282	TART, JAMES ALVIN PINEHURST MED. CLINIC 205 PAGE ROAD PINEHURST 28374 BOWMAN GRAY	CD /IM AC 66 66 73 919 295-5511
PISHKO, MICHAEL THEODORE P. O. BOX 339 PINEHURST 28374 DUKE	OBG L/RT 36 37 45 919 295-6634	SNYDER, RALPH EUGENE MEDICAL REVIEW OF NC, INC. PO BOX 37309 RALEIGH 27627 NEW YORK MED COL	IM AC 50 52 79 919 851-2955	TATE, GEORGE WHALEY, JR. 2170 MIDLAND ROAD SOUTHERN PINES 28387 U OF TEXAS-SW	OPH AC 68 68 78 919 295-2100
PULEO, ELLEN ANNE CCNC, P. O. BOX 786 PINEHURST 28374 DUKE	OBG AC 79 82 83	STAUB, ERNEST WILSON PINEHURST SURGICAL CLINIC PINEHURST 28374 NORTHWESTERN U	TS /CDS AC 57 65 66 919 295-0266	WALKER, DAVID ANTHONY TOWN/COUNTRY SHOPPING CTR ABERDEEN 28315 LA STATE U	OPH AC 68 68 73 919 944-7196
PURVIS, WILLIAM HENRY 404 N. HOLLY STREET SILER CITY 27344 U OF NC	U AC 73 73 80 919 775-7146	STEWART, WILLIAM LEE 195 W. ILLINOIS AVE. SOUTHERN PINES 28387 U OF NC	PD AC 79 79 75 919 692-2444	WALLACE, DONALD KAI 205 PAGE ROAD PINEHURST 28374 DUKE	IM /GE AC 59 59 65 919 295-5511
ROSTAN, STEPHEN EDWIN P. O. BOX 669 PINEHURST 28374 VANDERBILT U	D /DMP AC 70 71 77 919 295-5567	STORCH, SAMUEL JAY PO BOX 2138 PINEHURST 28374 GEORGETOWN U	U AC 80 82 86 919 295-5507	WEIDAW, HAROLD RICHARD P. O. BOX 1835 PINEHURST 28374 JEFFERSON	AI /IM AC 54 71 83 919 295-6661
ROWLAND, MICHAEL CLARK P. O. BOX 2000 PINEHURST 28374 ST U OF NY-BUFF	GS AC 75 76 80 919 295-2232	STREET, MURDO EUGENE, JR. P. O. BOX 38 GLEDON 27251 DUKE	FP L/RT 37 37 42 919 464-5315	WILLIAMS, DAVID LEON 540 N. W. BROAD STREET SOUTHERN PINES 28387 INDIANA U	IM /HEM AC 68 68 78 919 692-2061
SAFIR, ARAN 2170 MIDLAND ROAD SOUTHERN PINES 28387 NEW YORK U	OPH AC 54 56 86 919 295-2100				

64. NASH COMPONENT SOCIETY

OFFICERS—President: William C. Cooper, M.D., 124 Foy Dr., Rocky Mount 27801 (919 443-4031)

Secretary: Arthur L. Chambers, III, M.D. Nash General Hospital, Rocky Mount 27801 (919 443-8172)

ADKINS, NEAL ASHLEY 132 FOY DRIVE ROCKY MOUNT 27801 U OF NC	OBG AC 72 72 78 919 443-6622	BOBZIEN, WILLIAM FREDRICK, III 100 NASH MEDICAL ARTS MALL ROCKY MOUNT 27801 GEORGETOWN U	HEM /IM AC 69 69 74 919 443-9084	CHAMBLISS, JOHN RANDOLPH 100 NASH MEDICAL ARTS MALL ROCKY MOUNT 27801 HARVARD	IM AC 44 44 50 919 443-9084
ANDRACCHIO, VINCENT CHARLES 3709 WESTRIDGE CIRCLE DR. ROCKY MOUNT 27804 JEFFERSON	AN AC 56 64 64 919 443-8038	BRANTLEY, JULIAN CHISOLM, JR. 1507 LAFAYETTE AVE. ROCKY MOUNT 27801 JEFFERSON	GYN L/RT 44 44 48 919 446-8434	CLEAVER, H. DEHAVEN 100 MEDICAL ARTS MALL ROCKY MOUNT 27801 TEMPLE U	GS /TS AC 44 53 53 919 443-9084
BAGGETT, HENRY CLIFFORD 2420 PROFESSIONAL DR. P. O. BOX 7099 ROCKY MOUNT 27804 U OF NC	OTO AC 70 70 77 919 937-4100	BROCK, JULIAN STANLEY 200 ENGLEWOOD DRIVE ROCKY MOUNT 27804 DUKE	R L/RT 51 52 53 919 443-1353	CLINE, JAMES ALEXANDER WELLONGATE APTS. H-9 3430 SUNSET AVE. ROCKY MOUNT 27804 U OF MARYLAND	GS /EM RT 49 54 79 919 443-6444
BAILEY, GEORGE TILLMAN 212 OLD COLONY WAY ROCKY MOUNT 27801 U OF NC	DR AC 81 82 80 919 443-8083	BRYANT, JAMES EDWARD P. O. BOX 589 ROCKY MOUNT 27801 HOWARD U	FP AC 60 60 76 919 977-6701	COOPER, WILLIAM CORNELIUS, JR. 124 FOY DRIVE ROCKY MOUNT 27801 DUKE	PD AC 60 60 67 919 443-4031
BALES, DONALD WEESNER, JR. PO BOX 7828 ROCKY MOUNT 27804 U OF TENNESSEE	IM AC 82 82 85 919 977-6746	BYNUM, ROBERT WILLIAM, IV 100 NASH MEDICAL ARTS MALL ROCKY MOUNT 27801 U OF NC	NEP /IM AC 79 80 84 919 443-9084	CROCKER, DANIEL LIND 100 NASH MEDICAL ARTS MALL ROCKY MOUNT 27801 U OF NC	ON /HEM AC 70 70 76 919 443-9084
BASS, SPENCER PIPPEN, JR. P. O. BOX 605 TARBORO 27886 U OF VIRGINIA	PTH AC 49 53 57 919 823-3114	CARTER, NEEDHAM BATTLE 3811 WOODLAWN RD. ROCKY MOUNT 27804 DUKE	IM /CD RT 53 54 56 919 977-6746	CRUMPLER, JAMES FULTON 414 PEACHTREE STREET ROCKY MOUNT 27804 NEW YORK U	PD L 30 30 35 919 442-1523
BATTLE, MARGARET E. WHITE 521 PEACHTREE STREET ROCKY MOUNT 27801 U OF MICHIGAN	GYN L 33 34 37 919 442-2414	CHAMBERS, ARTHUR LLOYD 3619 WESTRIDGE CIRCLE DR. ROCKY MOUNT 27801 MED U OF SC	EM AC 79 79 84 919 443-8172	CRUMPLER, JAMES FULTON, JR. 105-C FOY DRIVE ROCKY MOUNT 27801 U OF NC	OTO AC 64 64 71 919 443-7878
BATTLE, NEWSOM PITTMAN 100 NASH MEDICAL ARTS MALL ROCKY MOUNT 27801 U OF PENN	GS L 26 30 31 919 442-2414	CHAMBLEE, JOHN SIGMA 509 E. CHURCH STREET NASHVILLE 27856 EMORY U	PH /GPM L/RT 38 38 42 919 459-2223	DEANS, WILLIAM RONALD, JR. 2412 PROFESSIONAL DR. ROCKY MOUNT 27804 U OF TEXAS-SW	N AC 77 77 82 919 443-0041

64. NASH COMPONENT SOCIETY (Continued)

DERBYSHIRE, JOHN STUART 1400 BROOKWOOD DR. PO BOX 7828 ROCKY MOUNT 27804 OHIO STATE U	IM AC 71 71 76 919 977-6746	LADWIG, STEPHEN HAROLD NASH GENERAL HOSPITAL ROCKY MOUNT 27801 NORTHWESTERN U	DR /NM AC 72 78 81 919 443-8083	ROBERTSON, LEON WHITFIELD 107 MEDICAL ARTS MALL ROCKY MOUNT 27801 BOWMAN GRAY	FP /OM AC 45 45 47 919 443-8810
DOYLE, RAYMOND THOMAS 1400 BROOKWOOD DR. PO BOX 7828 ROCKY MOUNT 27804 JOHNS HOPKINS	IM /HEM AC 54 56 61 919 977-6746	LEE, SOONG HYUN 106 NASH MEDICAL ARTS MALL ROCKY MOUNT 27804 SEOUL NATL U	P AC 63 72 76 919 443-8002	SEIGMAN, EDWIN LINCOLN 105 BUNN DRIVE ROCKY MOUNT 27804 U OF MARYLAND	DR L 41 52 53 919 443-2044
FISH, HARRY GUSTAV, JR. 100 NASH MEDICAL ARTS MALL ROCKY MOUNT 27801 DUKE	GS AC 48 55 56 919 443-9084	LIVERMAN, JOSEPH THOMAS 111 W. CHURCH STREET NASHVILLE 27856 BOWMAN GRAY	FP AC 53 54 57 919 459-4012	SHERIDAN, ROBERT JOHN 101 NASH MEDICAL ARTS MALL ROCKY MOUNT 27804 DUKE	PD AC 48 53 53 919 443-8820
FRITZ, RICHARD THOMAS PO BOX 88 RED OAK 27868 U OF NC	R AC 76 77 85 919 443-8083	LOWRY, OTIS MEGEL SPRING HOPE CLINIC PO BOX 1090 SPRING HOPE 27882 U OF NC	FP AC 56 56 57 919 478-5344	SHUMWAY, DAVID LUCIUS 112 CANDLEWOOD ROAD ROCKY MOUNT 27804 U OF ILLINOIS	EM AC 75 76 84 919 937-6581
FROHBOSE, WILLIAM JOSEPH 212 PIEDMONT AVENUE ROCKY MOUNT 27801 MED COLL OF VA	U L/RT 43 53 53 919 443-3136	MACAULAY, ROBERT JOSEPH, JR. 3136 SUNSET AVENUE ROCKY MOUNT 27804 GEO WASHINGTON U	U AC 56 60 63 919 443-3136	SIRISENA, OMATTA MUDALIGE 117 FOY DRIVE ROCKY MOUNT 27801 U OF CEYLON	IM /P AC 64 75 76 919 443-7678
GOLD, BENJAMIN MILLER 1730 LAFAYETTE CIRCLE ROCKY MOUNT 27801 U OF MARYLAND	OBG RT 47 47 53 919 442-4756	MARQUEZ, PATERNO RIEGO 107 NASH MEDICAL ARTS MALL ROCKY MOUNT 27804 U OF SANTO TOMAS	FP AC 55 70 81 919 443-8810	SMALL, FAIRLEIGH DAVID 3605 SHEFFIELD DR. ROCKY MOUNT 27803 U TX-SAN ANTONIO	EM AC 78 80 83 919 443-8171
HAWES, MARY LINDA 100 NASH MEDICAL ARTS MALL ROCKY MOUNT 27801 U OF NC	IM /NEP AC 80 83 84 919 493-9084	MARSIGLI, ADOLFO HECTOR 110 NASH MEDICAL ARTS MALL ROCKY MOUNT 27801 BUENOS AIRES U	ORS /HS AC 68 72 74 919 443-8830	SMITH, CLAIBORNE THWEATT 100 MEDICAL ARTS MALL ROCKY MOUNT 27801 U OF PENN	IM L 18 18 20 919 442-2916
HIGH, LARRY ALLISON 213 N. COLLINS ST. NASHVILLE 27856 MED COLL OF VA	FP L/RT 45 45 49 919 459-2811	MARSIGLI, EDUARDO OSCAR 110 NASH MEDICAL ARTS MALL ROCKY MOUNT 27801 BUENOS AIRES U	ORS AC 68 67 76 919 443-8830	SMITH, TIMOTHY CARL 1400 BROOKWOOD DR. PO BOX 7828 ROCKY MOUNT 27804 OHIO STATE U	IM AC 71 71 74 919 937-4084
HIGH, LARRY ALLISON, JR. 132 FOY DRIVE ROCKY MOUNT 27801 U OF NC	OBG AC 72 72 78 919 443-6622	MARTIN, WILLIS ELWOOD 112 NASH MEDICAL ARTS MALL ROCKY MOUNT 27804 U OF NC	D /IM AC 74 74 82 919 443-8937	STEINER, MICHAEL LEE 3044 SUNSET AVE., STE. 100 ROCKY MOUNT 27804 WEST VA U	OPH AC 75 443-6129
HOLLAND, MICHAEL DAY 529 AVONDALE AVE. ROCKY MOUNT 27801 U OF NC	IM /NEP AC 78 79 85 919 443-9084	MARTINEZ, LUCAS J. P. O. BOX 7514 ROCKY MOUNT 27801 U OF MADRID	NS AC 68 68 82 919 443-3136	STEKLOFF, SHELDON HARVEY 3741 SUNSET AVE. APT. A-1 ROCKY MOUNT 27804 U OF COLORADO	AN AC 69 74 75 919 937-4284
HORNE, STEPHEN FRANCIS 120 S. PEARL STREET ROCKY MOUNT 27804 DUKE	D AC 42 43 49 919 446-4922	MATHES, GORDON LAWRENCE, JR. 3136 SUNSET AVE. ROCKY MOUNT 27801 U OF TENNESSEE	U AC 76 77 84 919 443-3136	STOVER, JOHN OLIVER, JR. P. O. BOX 42 RED OAK 27868 MED COLL OF VA	DR /NM AC 68 68 76 919 443-8083
JONES, WILLIAM ROBERT 600 SUNSET AVENUE ROCKY MOUNT 27801 BOWMAN GRAY	GP AC 47 48 54 919 446-4921	MCAULIFFE, JOHN EDWARD 3709 WESTRIDGE CIRCLE DR. ROCKY MOUNT 27801 U OF CA-DAVIS	AN AC 79 80 86 919 443-2125	SUITER, THOMAS B., JR. 100 NASH MEDICAL ARTS MALL ROCKY MOUNT 27801 DUKE	IM AC 46 49 49 919 443-9084
JUSTA, SAMUEL HARRY 3546 S. OCEAN BOULEVARD PALM BEACH, FL 33480 MED COLL OF VA	GP L 33 33 34 919 443-0168	MICHAL, RICHARD GLENN 1041 NOELL LANE, STE. 101 ROCKY MOUNT 27801 DUKE	FP AC 80 83 78 919 443-3133	SUTTON, JULIAN T. DRAWER 100 SCOTLAND NECK 27874 U OF MARYLAND	GS /FP AC 51 51 53 919 826-3143
KINNAIRD, PAUL MCKEE, JR. 101 NASH MEDICAL ARTS MALL ROCKY MOUNT 27804 U OF LOUISVILLE	PD AC 76 77 86 919 443-8820	MITCHELL, JOHN SCOTT 1041 NOELL LANE, STE. 101 ROCKY MOUNT 27801 U OF VIRGINIA	FP AC 72 72 85 919 443-3133	THORP, JAMES HORACE MERRIAM 200 NASH MEDICAL ARTS MALL ROCKY MOUNT 27804 U OF NC	OBG AC 57 57 66 919 443-5941
KORNEGAY, LEMUEL WEYHER, JR. 1041 NOELL LANE ROCKY MOUNT 27801 DUKE	GS AC 43 43 43 919 443-0168	MORGAN, BENJAMIN EDWARD 200 NASH MEDICAL ARTS MALL ROCKY MOUNT 27801 BOWMAN GRAY	OBG AC 47 48 54 919 443-5941	THORP, LEWIS SUMNER 100 MEDICAL ARTS MALL ROCKY MOUNT 27801 U OF PENN	FP /FP AC 52 52 53 919 443-9084
KORNEGAY, ROBERT DUMAIS 1041 NOELL LANE ROCKY MOUNT 27801 DUKE	GS L 39 41 43 919 443-0168	OVERTON, DOLPHIN HENRY, JR. 132 FOY DRIVE ROCKY MOUNT 27801 DUKE	OBG AC 53 61 61 919 443-6622	TODD, STUART KITTREDGE 100 NASH MEDICAL ARTS MALL ROCKY MOUNT 27801 U OF TENNESSEE	GS AC 73 74 80 919 443-9084
KREEGER, ROBERT A. 112 TAM O'SHANTER DR. ROCKY MOUNT 27804 JOHNS HOPKINS	EM AC 83 83 86 919 443-8172	PAYNE, FRED WILLIAM, JR. 100 NASH MEDICAL ARTS MALL ROCKY MOUNT 27801 VANDERBILT U	GS AC 53 61 61 919 443-9084	WALL, WILLIAM STANLEY 330 S. W. MAIN STREET ROCKY MOUNT 27801 U OF PENN	GP L 33 33 36 919 446-4952
KRONCKE, FREDERICK GEORGE, JR. 200 NASH MEDICAL ARTS MALL ROCKY MOUNT 27801 U OF NC	OBG AC 70 70 75 919 443-5941	PITTMAN, WILLIAM BRYAN 100 NASH MEDICAL ARTS MALL ROCKY MOUNT 27804 U OF NC	GE /IM AC 71 76 79 919 443-9084	WARREN, JULIAN MARION P. O. BOX 1120 SPRING HOPE 27882 U OF VIRGINIA	FP AC 56 57 58 919 478-4600
KUMAR, KAMLESH 108 N. ENGLEWOOD DR. ROCKY MOUNT 27801 GSV MED COLLEGE	PUD /IM AC 63 72 80 919 443-1126	PROCTOR, CAMILLA ALLYN 3009 ZEBULON ROAD ROCKY MOUNT 27801 U OF NC	PUD AC 68 68 74 919 443-2552	WEEKS, KENNETH DURHAM 1400 BROOKWOOD DR. PO BOX 7828 ROCKY MOUNT 27804 DUKE	IM /CD L 39 40 46 919 977-6746
KUMAR, SATISH KUMAR 108 N. ENGLEWOOD DR. ROCKY MOUNT 27801 INST OF MED SCI	PUD /IM AC 62 72 80 919 443-1126	RAMSEY, EDWARD ALLISON 124 FOYE DRIVE ROCKY MOUNT 27804 BOWMAN GRAY	PD AC 75 75 78 919 443-4031	WHISNANT, JOSEPH DURWOOD, JR. 3136 SUNSET AVE. ROCKY MOUNT 27801 BOWMAN GRAY	U AC 71 71 81 919 443-3136
		RATCHFORD, GEORGE RUFUS, JR. 100 NASH MEDICAL ARTS MALL ROCKY MOUNT 27801 DUKE	IM AC 56 56 62 919 443-9084		

WHITAKER, JAMES ALLEN	U	L	YENNEY, MATTHEW F.J., JR.	R/NM	AC	ZIPF, ROBERT EUGENE, JR.	PTH /FOP	AC
624 FALLS ROAD	33	34	1031 NOELL LANE	54	61	NASH GENERAL HOSPITAL	66	66
ROCKY MOUNT 27804			PO BOX 111			ROCKY MOUNT 27801		79
TEMPLE U	919	442-3516	ROCKY MOUNT 27802			OHIO STATE U	919	443-8043
WILSON, MOSES ELLUED	OBG	AC	JEFFERSON	919	443-9101			
140 N. ENGLEWOOD DR.	76	76						
ROCKY MOUNT 27801								
U OF NC	919	937-6611						

ALLEN, MOLLY VIRGINIA	OPH	AC	BROWN, ALBERT BELMONT	GYN	AC	CROUCH, WALTER LEE	PD	RT
1120 MEDICAL CENTER DR.	80	80	1615 DOCTOR'S CIR.	43	67	1902 BREWTON COURT	43	46
WILMINGTON 28401		85	WILMINGTON 28401		67	WILMINGTON 28403		52
U TX-SAN ANTONIO	919	763-7316	QUEENS U	919	343-1122	U OF MARYLAND	919	762-3619
ALMKUIST, RALPH DURWOOD, II	NEP /IM	AC	BUNN, DAVID GLENN, JR.	OBG	AC	DALEY, JOHN GILBERT	OBG /END	AC
1302 MEDICAL CENTER DRIVE	71	71	2215 CANTERWOOD DR.	75	76	2143 ECHO LANE	55	56
WILMINGTON 28401		78	WILMINGTON 28401		80	WILMINGTON 28403		77
BOWMAN GRAY	919	763-3551	U OF NC	919	763-1031	YALE	919	343-0161
ALMOND, CHARLES MALCOLM	FP	AC	BURDETTE, FRED MCPHERSON, JR.	GP	L/RT	DEES, JOHN TYLER	FP /PH	AC
1602 DOCTOR'S CIRCLE	70	70	1221 D COLUMBUS CIRCLE	42	47	COURTHOUSE AVE., PO BOX 815	52	52
WILMINGTON 28401		75	WILMINGTON 28403		48	BURGAW 28425		54
U OF NC	919	763-5471	MED U OF SC	919	457-6865	DUKE	919	259-2161
ANAGNOST, JOHN WILLIAM	IM /HEM	AC	BUTLER, FREDERICK CLARENCE, JR	OPH	AC	DICKIE, JAMES WILLIAM	GS	L/RT
1515 DOCTORS CIRCLE	78	86	1915 GLEN MEADE ROAD	61	61	448 WAYNE DRIVE	42	47
WILMINGTON 28401		86	WILMINGTON 28403		67	WILMINGTON 28403		47
JEFFERSON	919	763-5182	DUKE	919	763-3601	U OF VIRGINIA	919	762-8429
ANDERSON, ELBERT CARL	OPH	L/RT	CALLAWAY, SAMUEL CLAYTON, JR.	OTO	AC	DINEEN, JAMES ROBERT	ORS	AC
3208 OLEANDER DR.	37	37	2311 DELANEY ROAD	63	63	1616 MEDICAL CENTER DRIVE	45	58
WILMINGTON 28403		39	WILMINGTON 28403		72	WILMINGTON 28401		65
NORTHWESTERN U	919	763-6265	EMORY U	919	762-8754	U OF ROCHESTER	919	762-2655
ANDERSON, LANDON BUTLER	ORS	AC	CASHMAN, JOHN	U	AC	DONAHUE, MICHAEL JOSEPH	D	AC
1222 MEDICAL CENTER DRIVE	72	78	1905 GLEN MEADE ROAD	65	66	1505 MEDICAL CENTER DRIVE	67	67
WILMINGTON 28401		79	WILMINGTON 28403		73	WILMINGTON 28401		73
VANDERBILT U	919	763-2977	JEFFERSON	919	763-6251	CREIGHTON U	919	763-1555
ANDREWS, LEON POLK	IM	RT	CAUGHEY, DALE WELLS, JR.	IM	AC	DORMAN, BRUCE HUGH	ORS	AC
1902 DRUID LANE	45	53	5305-A WRIGHTSVILLE AVENUE	70	70	2001 S. 17TH STREET	48	55
WILMINGTON 28403		79	WILMINGTON 28403		73	WILMINGTON 28401		55
HARVARD	919	343-0167	DUKE	919	799-4220	DUKE	919	763-7344
ANDREWS, ROBERT JACKSON	IM	AC	CHEN, CHIH-CHENG FRANK	N	AC	DUROCHER, KEVIN HOWARD	P	AC
5305 WRIGHTSVILLE AVENUE	46	48	1608 WELLINGTON AVENUE	69	77	2311 CANTERWOOD DR.	81	85
WILMINGTON 28403		51	WILMINGTON 28401		82	WILMINGTON 28401		85
U OF TENNESSEE	919	791-2626	TAIPEI MED COLL	919	395-5521	U OF WISCONSIN	919	762-9606
ARMISTEAD, HOWARD LACY, JR.	FP /OM	AC	CHESSON, ARTHUR SAUNDERS, JR.	PD	AC	EAKINS, JOEY WILLIAM	ID	AC
2108 S. SEVENTEENTH STREET	66	67	1501 DOCK ST.	54	54	ROUTE #3, BOX 303-K	70	70
WILMINGTON 28401		68	WILMINGTON 28401		56	WILMINGTON 28403		72
U OF VIRGINIA	919	762-7776	BOWMAN GRAY	919	762-1744	BOWMAN GRAY	919	763-3651
ASSEVERO, MICHAEL LAWRENCE	OBG	AC	CODINGTON, JOHN BONNELL	GS	AC	EATON, HUBERT ARTHUR, JR.	IM	AC
1502 PRINCESS ST.	81	81	1501 MEDICAL CENTER DRIVE	53	53	P. O. BOX 982	69	69
WILMINGTON 28401		85	WILMINGTON 28401		58	WILMINGTON 28401		74
MEHARRY MED COLL	919	762-8662	U OF MARYLAND	919	763-6289	MEHARRY MED COLL	919	763-5453
BACHMAN, DAVID STANLEY	N /CHN	AC	COLEMAN, GORDON DONALD	PD	AC	FALES, ROBERT MARTIN	GS	L/RT
1202 MEDICAL CENTER DR.	69	76	1920 S. 16TH ST.	75	76	407 W. RENOVAH CIRCLE	32	32
WILMINGTON 28401		84	WILMINGTON 28401		79	WILMINGTON 28403		36
JOHNS HOPKINS	919	341-3359	MED U OF SC	919	762-3942	JEFFERSON	919	762-1285
BASHFORD, ROBERT ALONZO	OBG	AC	COMBS, JOHN GILBERT, JR.	R	AC	FICKLEN, CONWAY HAMILTON	OBG	AC
2215 CANTERWOOD DRIVE	71	71	2318 BLYTHE ROAD	66	66	1912 MEETINGS COURT	54	59
WILMINGTON 28401		75	WILMINGTON 28403		73	WILMINGTON 28401		59
U OF NC	919	343-10						

65. NEW HANOVER-PENDER COMPONENT SOCIETY (Continued)

GONZALEZ, JORGE JOSE 2131 S. 17TH STREET WILMINGTON 28401 U OF CHILE	IM/END AC 71 76 79 919 343-0161	JONES, ROBERT BOYD 2311 DELANEY ROAD WILMINGTON 28403 U OF VIRGINIA	OTO AC 64 64 72 919 762-8754	MASTRANGELO, MICHAEL ROCCO 1515 DOCTOR'S CIRCLE WILMINGTON 28401 U OF KENTUCKY	GE AC 78 79 85 919 763-5182
GOTTOVI, DANIEL 1202 MEDICAL CENTER DRIVE WILMINGTON 28401 U OF ROCHESTER	PUD/IM AC 65 65 71 919 341-3300	JORDAN, HENRY DAVIDSON P. O. BOX 9000 WILMINGTON 28402 EMORY U	PTH AC 66 67 75 919 343-7074	MATTHEWS, WILBUR P. 1822 GLEN MEADE ROAD WILMINGTON 28401 U OF NC	AC 61 00 66
GOTTSCHALK, BERNARD J. 1202 MEDICAL CENTER DR. WILMINGTON 28401 U OF PITTSBURGH	HEM/ON AC 81 82 86 919 762-2990	KASH, STEPHEN LEE 1120 MEDICAL CENTER DRIVE WILMINGTON 28401 WASHINGTON U	OPH AC 68 68 76 919 763-7316	MATTOX, WILLIAM JOSEPH 1814 GLEN MEADE ROAD WILMINGTON 28403 U OF ARKANSAS	FP AC 59 59 73 919 763-5471
GRAHAM, CHARLES PATTISON 201 FOREST HILLS DRIVE WILMINGTON 28403 HARVARD	GS L/RT 32 32 37 919 762-0385	KESLER, JAMES L. 1120 MEDICAL CENTER DRIVE WILMINGTON 28401 WASHINGTON U	OPH AC 75 76 80 919 763-7316	MAXWELL, JOHN GARY 2131 S. 17TH ST. WILMINGTON 28402 U OF UTAH	GS AC 58 62 86 919 343-0161
HAINES, RICHARD LITTLETON HIGHWAY 17, P. O. BOX 565 HAMPSTEAD 28443 U OF VIRGINIA	IM/GP AC 47 47 82 919 270-3561	KITTINGER, JOSEPH WILLIAM, III 1202 MEDICAL CENTER DR. WILMINGTON 28401 U OF ARKANSAS	GE AC 30 80 85 919 341-3345	MCCOY, RALPH CARLISLE 1952 HILLSBORO ROAD WILMINGTON 28401 EMORY U	PTH AC 67 68 76 919 343-7074
HALL, GREGORY GRAYSON 2144 ECHO LANE WILMINGTON 28403 DUKE	AN AC 83 85 86	KNOX, ANGELINA VINLUAN EDRALIN 2304 DELANEY AVENUE WILMINGTON 28401 U OF SANTO TOMAS	PD AC 59 59 72 919 763-3349	MCMILLAN, JAMES FULFORD 1301 LIVE OAK PARKWAY WILMINGTON 28403 BOWMAN GRAY	P RT 47 48 52 919 762-8178
HARE, RANSOM BRYANT, JR. 841 HANOVER DR. GRIFFIN, GA 30223 MED U OF SC	U L/RT 30 30 34	KOSERUBA, GEORGE MICHAEL 1628 DOCTOR'S CIRCLE WILMINGTON 28401 LOMA LINDA U	PD L 40 42 44 919 763-2476	MCMURRY, JOHN EUGENE, JR. 2311 DELANEY AVE. WILMINGTON 28401 U OF NC	OTO AC 80 82 86 919 762-3866
HARSHBARGER, JOHN LYNN 1202 MEDICAL CENTER DR. WILMINGTON 28401 TEMPLE U	RHU/A AC 80 82 86 919 341-3350	KROHN, JOHN RAMON 2305 CANTERWOOD DR. WILMINGTON 28401 U OF MINN	PS AC 66 67 75 919 343-0119	MEYER, CLINTON LOUIS 1202 MEDICAL CENTER DR. WILMINGTON 28401 U NEWFOUNDLAND	GE/IM AC 78 78 84 919 341-3345
HAWTHORNE, HENRY CLAIBORNE, JR 1920 S. 16TH STREET WILMINGTON 28401 U OF VIRGINIA	PD AC 67 67 74 919 763-2072	LEACH, WILLIAM B. 306 WIDGEON DR. HAMPSTEAD 28443 U OF MANITOBA	PTH RT 44 44 70 919 270-4772	MEYERSON, MARTIN BENJAMIN NEW HANOVER MEM. HOSP. WILMINGTON 28403 U OF ILLINOIS	TR AC 68 69 77 919 343-7017
HELAK, JOSEPH WALTER 410 R. L. HONEYCUTT WILMINGTON 28403 SYRACUSE	CD/IM AC 75 77 84 919 341-3400	LEWIS, CLIFFORD T. 637 S. KERR AVENUE WILMINGTON 28403 U OF NC	IM AC 67 67 74	MOBLEY, THOMAS BARNETT, III 1905 GLEN MEADE ROAD WILMINGTON 28403 MED COLL OF GA	U AC 72 73 78 919 763-6251
HICKS, CHARLES MONTGOMERY 1914 GLEN MEADE ROAD WILMINGTON 28403 U OF NC	PD AC 62 62 73 919 762-2651	LIPOVAN, MIRCEA BREITZ 3707-C RESTON CT. WILMINGTON 28401	R AC 62 77 86 919 395-8180	MOORE, HORACE GREELEY, JR. 1414 MEDICAL CENTER DRIVE WILMINGTON 28401 JOHNS HOPKINS	GS/TS AC 45 53 53 919 763-7363
HOEPPNER, DAVID LAWRENCE 3710 SHIPYARD WILMINGTON 28403 U OF MANITOBA	EM AC 65 75 85 919 791-0075	LOVETTE, KENNETH MAURICE 1612 DOCTORS CIRCLE WILMINGTON 28401 U OF NC	OBG AC 79 80 83 919 343-0161	MOORE, RALPH BRYAN, JR. CHILDREN'S CLINIC 1920 16TH STREET WILMINGTON 28403 CORNELL U	PD AC 52 56 56 919 763-2072
HOLT, WILLIAM REUBEN, JR. 1515 DOCTOR'S CIRCLE WILMINGTON 28401 MED COLL OF VA	CD/IM AC 77 80 83 919 763-5182	MACKAY, JAMES CALVIN 1928 S. 16TH STREET WILMINGTON 28401 BOWMAN GRAY	IM/PUD AC 47 54 54 919 762-5292	MOORE, ROBERT ALEX, JR. 1404 MEDICAL CENTER DRIVE WILMINGTON 28401 BOWMAN GRAY	NS AC 51 52 60 919 763-6578
HOOPER, JOSEPH WARD, JR. 2216 GILLETTE DR. WILMINGTON 28403 HARVARD	U AC 46 46 53 919 763-6251	MACQUEEN, DONALD MILES 2321 DELANEY AVENUE WILMINGTON 28403 U OF NC	A/PD AC 69 69 73 919 763-1661	MOORE, ROBERT MORGAN 2001 S. 17TH STREET WILMINGTON 28401 VANDERBILT U	ORS AC 75 81 82 919 763-7344
HUNDLEY, JAMES DAVENPORT 2001 S. 17TH STREET WILMINGTON 28401 U OF NC	ORS AC 67 67 76 919 763-7344	MALLOY, THOMAS HOWARD 2310 DELANEY AVENUE WILMINGTON 28401 U OF ALABAMA	OPH AC 71 71 80 919 763-3664	MORGAN, HERMAN GRADY, JR. 1920 S. 16TH ST. WILMINGTON 28401 U OF NC	PD AC 77 78 84 919 762-3942
HUNT, OLIVER RAYMOND, JR. 1607 DOCTOR'S CIRCLE WILMINGTON 28401 U OF LOUISVILLE	CDS/TS AC 51 51 72 919 763-6571	MANCUSI-UNGARO, PETER CURT 2131 S. SEVENTEENTH STREET WILMINGTON 28401 U OF MIAMI	HEM/ON AC 68 69 75 919 343-0161	MORGAN, JOEL CLARENCE 1414 MEDICAL CENTER DR. WILMINGTON 28401 BOWMAN GRAY	CDS AC 78 79 83 919 763-7363
HUNTER, JOHN DANE 1202 MEDICAL CENTER DRIVE WILMINGTON 28403 DUKE	ON/HEM AC 76 78 82 919 762-2990	MARBURG, KENNETH CHARLES 343 BRADLEY DR. WILMINGTON 28403 U OF MARYLAND	EM/FP AC 70 73 85 919 791-0075	MORRIS, KENNY JORDAN 216 OYSTER BAY LN. WILMINGTON 28403 U OF NC	R AC 62 62 68 919 343-7069
HUTCHINS, ROBERT HAROLD 2015 S. LIVE OAK PARKWAY WILMINGTON 28403 U OF NC	IM AC 76 76 79 919 343-8191	MARKWORTH, JAMES WARREN 1222 MEDICAL CENTER DRIVE WILMINGTON 28401 HARVARD	ORS AC 69 70 79 919 763-2977	MUSSELWHITE, NEILL HECTOR, III 1602 DOCTOR'S CIRCLE WILMINGTON 28401 BOWMAN GRAY	FP AC 75 75 75 919 763-1896
JAMES, JOSEPH MCCRAW 2622 MIMOSA PLACE WILMINGTON 28403 DUKE	R AC 55 55 63 919 343-7069	MARSHBURN, ELISHA THOMAS, JR. 3208 OLEANDER DRIVE WILMINGTON 28403 BOWMAN GRAY	IM AC 47 48 54 919 762-9621	NANCE, CHARLES LEE, JR. 2001 S. 17TH STREET WILMINGTON 28401 DUKE	ORS AC 59 59 67 919 763-7344
JOHNSON, DONALD GENE 2212 DELANEY AVENUE WILMINGTON 28403 WEST VA U	R/NR AC 74 75 84 919 383-7070	MASON, DAVID PENDLETON 1809 GLEN MEADE ROAD WILMINGTON 28403 U OF NC	OBG AC 75 76 79 919 762-9807	NICKS, DENNIS BART 2305 CANTERWOOD WILMINGTON 28401 U OF MISSOURI	PS/HS AC 77 77 83 919 343-0119
JOHNSON, HEBER WELLINGTON 417 BRADLEY CREEK POINT WILMINGTON 28403 HARVARD	OBG/GS L 39 47 48 919 256-2040	MASON, LOCKERT BEMISS NEW HANOVER MEM. HOSP. WILMINGTON 28401 MED COLL OF VA	GS AC 45 45 52 919 343-0161	NIXON, WILLIAM PRESTON, JR. 1302 MEDICAL CENTER DRIVE WILMINGTON 28401 MED COLL OF VA	NEP/IM AC 68 68 74 919 763-3651

65. NEW HANOVER-PENDER COMPONENT SOCIETY (Continued)

O'QUINN, EDWARD NELSON 1612 DOCTOR'S CIRCLE DRIVE WILMINGTON 28401 EMORY U	OBG L/RT 51 51 56 919 763-9015	ROBERTS, LLOYD EUGENE 1612 DOCTOR'S CIRCLE WILMINGTON 28401 U OF COLORADO	OBG AC 69 72 79 919 763-9015	SMITH, CHARLES GORDON 118 BEAGLE TRAIL WILMINGTON 28403 U OF PENN	FP /EM L/RT 40 43 43 919 799-1873
ORMAND, JOHN WILLIAM, JR. 1809 GLEN MEADE ROAD WILMINGTON 28401 U OF NC	OBG AC 56 56 60 919 763-1505	ROBINSON, NORMAN JEFFREY 2131 S. 17TH ST. PO BOX 9000 WILMINGTON 28402 DUKE	CD /IM AC 63 63 71 919 343-0161	SMITH, PHILIP PALMER P. O. BOX 2042 WILMINGTON 28402 U OF ILLINOIS	OM /IM AC 62 62 71 919 371-4080
PACE, JOHN SANDERSON 825 INLET VIEW DRIVE WILMINGTON 28403 U OF MIAMI	AN AC 71 73 77 919 256-4008	ROBISON, WILLIAM PETERSON 2023 SOUTH 17TH STREET WILMINGTON 28401 MED COLL OF GA	P AC 51 51 78 919 343-0151	SNYDER, JAMES WILLIAM 1515 DOCTOR'S CIRCLE WILMINGTON 28401 U OF NC	CD /IM AC 69 69 74 919 763-5182
PAPPAS, PETER GEORGE 1302 MEDICAL CENTER DR. WILMINGTON 28401 U OF ALABAMA	ID /IM AC 78 79 84 919 763-3651	ROSENBERG, ERIC RONALD 1924 S. LIVE OAK PARKWAY WILMINGTON 28403 NEW YORK MED COL	DR AC 75 75 84 919 762-3882	SOLOMON, DONALD JEFFREY 1202 MEDICAL CENTER DR. WILMINGTON 28401 STANFORD U	N AC 81 81 81 919 341-3300
PARKER, WILLIAM PAXTON, JR. 1303 CYPRESS GROVE DR. WILMINGTON 28401 VANDERBILT U	NS AC 56 57 74 919 762-1804	RUST, CARL KING, II 1202 MEDICAL CENTER DR. WILMINGTON 28401 BOWMAN GRAY	GE /IM AC 68 68 77 919 341-3300	SOLOMON, ROBERT DOUGLAS 113 S. BELVEDERE DR. HAMPSTEAD 28443 JOHNS HOPKINS	PTH /GER AC 42 42 86 919 270-2019
PARR, ROBERT ALEXANDER NEW HANOVER HOSPITAL DEPT. OF EMERGENCY MED. WILMINGTON 28401 DES MOINES OST	EM AC 78 84 84 919 343-7000	SAMPSON, JOSEPH LUTHER, JR. 346 SHANDY LANE WILMINGTON 28401 MED COLL OF VA	PS /GS AC 61 61 78 919 343-9774	SPIVEY, DAVID LEE 905 RABBIT RUN RD. WILMINGTON 28403 U OF NC	AN AC 81 83 85 919 762-4901
PEEDIN, JAMES HAROLD, JR. P. O. BOX 1177 BURGAW 28425 DUKE	FP AC 52 52 54 919 259-5721	SCHMIDT, CARL JACOB GENERAL ELECTRIC CO. P.O.BOX 780, M/C B06 WILMINGTON 28401 U OF LOUISVILLE	OM AC 64 65 83 919 343-5320	STEWART, GEORGE TERRY 2215 CANTERWOOD DRIVE WILMINGTON 28401 U OF NC	OBG AC 71 71 75 919 343-1031
PENCE, JAMES JEROME, JR. 2110 SOUTH 17TH ST. WILMINGTON 28401 DUKE	FP AC 59 59 62 919 763-3481	SCOTT, CHARLES MATTHEW 543 MASONBORO SOUND RD. WILMINGTON 28403 U OF CINCINNATI	GS /CDS AC 75 80 83 919 763-6289	SUVILLAGA, VICTOR IVAN 5097 EDINBORO LN. WILMINGTON 28403 U EL SALVADOR	FP /EM AC 77 83 83 919 395-6273
PHILLIPS, WILLIAM ALLAN 3208 OLEANDER DRIVE WILMINGTON 28403 JEFFERSON	D AC 47 53 53 919 763-7333	SCULLY, KEVIN SLEAN 1616 MEDICAL CENTER DR. WILMINGTON 28401 U OF VIRGINIA	ORS AC 78 80 84 919 762-2655	TACKETT, AMOS DARRELL 1414 MEDICAL CENTER DRIVE WILMINGTON 28401 VANDERBILT U	GS AC 69 74 79 919 763-7363
PICKARD, HENRY MACK P. O. BOX 3351 WILMINGTON 28401 MCGILL U	IM L/RT 38 46 46 919 791-1417	SEIDEL, MURRAY KAYE 1222 MEDICAL CENTER DRIVE WILMINGTON 28401 U OF PENN	ORS AC 65 66 73 919 763-2977	TAMISEA, J. RICHARD 1202 MEDICAL CENTER DRIVE WILMINGTON 28401 CREIGHTON U	CD /IM AC 64 64 73 919 341-3301
PIGFORD, ROBERT TOMS 301 COLONIAL DRIVE WILMINGTON 28403 U OF MARYLAND	IM /CD L/RT 40 40 47 919 762-5020	SHAH, JYOTSNA RAMESH 116 ROBERT E. LEE DRIVE WILMINGTON 28403 U OF BOMBAY	AN AC 63 64 81 919 763-4901	TAN, RICARDO MIJARES 2301 DELANEY AVENUE WILMINGTON 28403 U OF SANTO TOMAS	GS /ABS AC 58 67 67 919 763-0159
POINTS, GERALD LEE, II 5305 WRIGHTSVILLE AVE. BLDG.B WILMINGTON 28403 U OF KENTUCKY	IM /FP AC 65 66 66 919 791-3506	SHAH, RAMESH MANHARLAL 116 ROBERT E. LEE DRIVE WILMINGTON 28401 BARODA U	OBG AC 64 67 73 919 791-2301	TAYLOR, BRITTON EDGAR 2215 CANTERWOOD DRIVE WILMINGTON 28401 MED COLL OF VA	OBG AC 63 63 74 919 343-1031
POLE, DONALD TALIAFERRO 1912 TRADD COURT WILMINGTON 28401 AUTONOMA U	OBG AC 73 78 82 919 343-1113	SHAPIRO, DANIEL ALLEN 329 TRAILS END ROAD, #4 WILMINGTON 28403 U OF NC	AN AC 78 79 85 919 343-7000	TAYLOR, WILLIAM IVEY, JR. ROUTE #3, BOX 3680 BURGAW 28425 JEFFERSON	GP RT 41 41 46 919 259-2301
POLLOCK, HOKE DICKINSON 1625 DOCTOR'S CIRCLE WILMINGTON 28401 U OF NC	OTO AC 75 75 81 919 762-0234	SHEARIN, WILBURN THADDEUS, JR. 1905 GLEN MEADE ROAD WILMINGTON 28403 BOWMAN GRAY	U AC 54 54 56 919 763-6251	TEMPLE, RUFUS HENRY, JR. 2215 CANTERWOOD DR. WILMINGTON 28401 U OF NC	OBG AC 76 76 81 919 763-8471
POOLE, ERNEST TILGHMAN 2310 DELANEY AVENUE WILMINGTON 28403 DUKE	OPH /P AC 61 61 72 919 763-3664	SHUFORD, WILLIAM FERRELL, JR. 1515 DOCTOR'S CIRCLE WILMINGTON 28401 U OF NC	GE AC 61 61 67 919 763-5182	THOMAS, ALAN EFIRD SOUTHEASTERN MEDICAL GROUP 637 S. KERR AVENUE WILMINGTON 28401 MED COLL OF GA	IM AC 74 74 77 919 799-1810
PRICE, JAMES LOUIS, III 1612 DOCTOR'S CIRCLE WILMINGTON 28401 U OF NC	OBG AC 75 75 80 919 763-9015	SINCLAIR, ROBEY THOMAS, JR. 5301 WRIGHTSVILLE AVENUE WILMINGTON 28401 GEORGETOWN U	DR L/RT 38 38 40 919 395-8100	THOMAS, DAVID PRYSE ROUTE #3, BOX 303 WILMINGTON 28403 U OF PENN	ORS L/RT 38 56 56 919 791-0650
RALLIS, MICHAEL GEORGE 301 S. MCNEIL ST. PO BOX 1179 BURGAW 28425 GEO WASHINGTON U	IM AC 77 79 81 919 259-5011	SINGLETERY, HENRY PATE 2131 S. 17TH ST. WILMINGTON 28401 NORTHWESTERN U	PTH AC 53 56 60 919 343-7074	THOMAS, MICHAEL BEMAN 1908 MEETING COURT WILMINGTON 28401 U OF MICHIGAN	FP AC 79 81 86 919 762-1515
REMINGTON, JOHN LAUREN 2101 S. LIVE OAK PARKWAY WILMINGTON 28403 U OF SOU FLORIDA	DR AC 79 81 85 919 762-3882	SLOAN, DAVID BRYAN, JR. 1915 GLEN MEADE ROAD WILMINGTON 28403 U OF PENN	OPH AC 63 63 70 919 763-3601	THOMPSON, GEORGE R. C. 129 OLDE POINT RD. HAMPSTEAD 28443 MED U OF SC	FP L/RT 39 42 43 919 270-2196
REYNOLDS, FRANK RUSSELL 1613 DOCK STREET WILMINGTON 28401 U OF PENN	PD AC 44 44 50 919 763-4272	SLOAN, JAMES BOYKIN 1915 GLEN MEADE ROAD WILMINGTON 28401 U OF NC	OPH AC 70 70 74 919 763-3601	TIDLER, JAMES 1919 S. SIXTEENTH STREET WILMINGTON 28401 MED COLL OF VA	IM AC 44 49 50 919 763-8184
RIEMAN, GILBERT FLETCHER 2148 ECHO LANE WILMINGTON 28403 U OF VIRGINIA	OBG RT 52 52 73 919 343-0161	SMALLEY, ROBERT ROWAN 5305-F WRIGHTSVILLE AVENUE WILMINGTON 28403 MCGILL U	GS AC 54 54 73 919 799-5400	TINSLEY, ELLIS ALLAN, SR. 1414 MEDICAL CENTER DRIVE WILMINGTON 28401 VANDERBILT U	GS /TS AC 59 67 67 919 763-7363
				UNSICKER, CARL LESTER 5305-F WRIGHTSVILLE AVE. WILMINGTON 28403 U OF IOWA	ORS AC 67 68 76 919 395-0684

65. NEW HANOVER-PENDER COMPONENT SOCIETY (Continued)

VAN NYNATTEN, FRED H. 1990 S. 16TH WILMINGTON 28401 U OF BRUXELLES	IM/EM AC 74 75 82 919 256-4555	WEINEL, WILLIAM HARVEY 1809 GLEN MEADE ROAD WILMINGTON 28403 U OF NC	GYN AC 54 54 58 919 763-9833	WILSON, CLARENCE LAFAYETTE, II 1809 GLEN MEADE ROAD WILMINGTON 28403 U OF LOUISVILLE	OBG AC 74 75 82 919 763-9833
VAN-VELSOR, HARRY 1924 S. SIXTEENTH STREET ALBANY MED COLL	D AC 47 54 54 919 762-5207	WEINSTEIN, ROBERT HARVEY 2595 S. 17TH ST. WILMINGTON 28401 U OF MISSOURI	P AC 67 67 75 919 799-2283	WILSON, JACK KENNEDY, JR. 637 S. KERR AVENUE WILMINGTON 28401 U OF MISSISSIPPI	IM AC 66 66 71 919 799-1810
VARNER, D. WAYNE 346 HONEYCUTT DR. WILMINGTON 28403 MED U OF SC	PTH AC 76 78 84 919 395-8177	WEIS, WALTER FRANCIS, JR. 5305 WRIGHTSVILLE AVE. BLDG. C WILMINGTON 28403 JEFFERSON	ORS AC 66 67 73 919 799-9417	WILSON, JACK KENNEDY, SR. 1908 HAWTHORNE ROAD WILMINGTON 28403 U OF TENNESSEE	GP RT 37 37 66 919 763-5536
VERNON, CHARLES ROBERTSON 7230 WRIGHTSVILLE AVENUE WILMINGTON 28403 CASE WESTERN RES	P AC 52 52 56 919 256-4106	WELLS, EDWIN JULIUS 2209 DELANEY AVENUE WILMINGTON 28403 U OF PENN	PS AC 46 46 53 919 763-7617	WITHERS, SYDNOR TERRY, JR. 5305 WRIGHTSVILLE AVE. BLDG. E WILMINGTON 28403 MED COLL OF VA	IM/FP AC 73 75 76 919 791-5426
WALKER, ELMER PIXLEY 20 FOREST HILLS DR. WILMINGTON 28403 EMORY U	GYN L/RT 36 36 41 919 763-2946	WERK, EMILE EUGENE, JR. 2131 S. SEVENTEENTH STREET WILMINGTON 28401 U OF CINCINNATI	IM/END AC 46 46 73 919 343-0161	WITTSTEIN, PETER BRIAN 1904 TRADD COURT WILMINGTON 28401 U OF CONNECTICUT	OPH AC 78 79 85 919 762-0057
WARD, MICHAEL MUNDY 520 SHANDY LANE WILMINGTON 28403 U OF NC	EM AC 77 79 82 919 791-2059	WILKINS, LUCIEN SANDERS 1202 MEDICAL CENTER DRIVE WILMINGTON 28401 MED COLL OF VA	GE AC 67 67 73 919 763-8251	WOODWORTH, ALFRED HERMAN 3930 SWEETBRIAR RD. WILMINGTON 28403 ALBANY MED COLL	FP/EM AC 68 71 78 919 392-3216
WARNER, JEANETTE PRESTON 206 W. BLACKBEARD ROAD WILMINGTON 28403 U OF NY-ST BROOK	AC 81 81 84 919 343-7000	WILKINSON, CHARLES ALBERT 1501 MEDICAL CENTER DRIVE WILMINGTON 28401 DUKE	GS/TS AC 56 56 64 919 763-6289	WORTMAN, JAMES EDWARD 715 FOREST HILLS DRIVE WILMINGTON 28403 NORTHWESTERN U	ON/HEM AC 74 74 79 919 763-5182
WARNER, MARK FRANCIS 1202 MEDICAL CENTER DR. WILMINGTON 28401 U OF VIRGINIA	CD/IM AC 77 78 84 919 763-8251	WILLIAMS, R. BERTRAM, JR. 1414 MEDICAL CENTER DRIVE WILMINGTON 28401 VANDERBILT U	GS/TS AC 43 49 51 919 763-7363	YUE, BYONG HAK 1810 GLEN MEADE ROAD WILMINGTON 28403 CHUN NAM U	GS AC 59 71 73 919 762-1730
WARSHAUER, SAMUEL EDWARD 1514 DOCTORS CIRCLE WILMINGTON 28401 MED COLL OF VA	IM/CD L 36 36 46 919 762-1813	WILLIAMS, WILLIAM MARION, III 2131 S 17TH STREET WILMINGTON 28402 MED U OF SC	PTH/CLP AC 78 79 83 919 343-7074	ZACK, PETER GEORGE 3827 SYLVAN DR. WILMINGTON 28403 U OF ARKANSAS	PD AC 60 60 73 919 791-7031

66. NORTHAMPTON COMPONENT SOCIETY

OFFICERS—President: J. A. Fleetwood, Jr., M.D., P.O. Box 328, Conway 27820

Secretary: John H. Stanley, M.D., Drawer B, Woodland 27897

OUTLAND, ROBERT BOONE P. O. BOX 410 RICH SQUARE 27869 U OF PENN	GP L/RT 32 33 36 919 539-2755	STEPHENSON, BENNETTE EDWARD P. O. BOX 348 RICH SQUARE 27869 MED COLL OF VA	GP L/RT 35 35 37 919 539-2343
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67. ONSLOW COMPONENT SOCIETY

OFFICERS—President: Gregory W. Cobb, M.D., 264 Memorial Dr., Jacksonville 28540 (919 353-1030)

Secretary: Charles L. Garrett, M.D., Onslow Memorial Hospital, Jacksonville 28540 (919 353-3498)

ALVARADO, TERESA LOIS 200 MEMORIAL DR. JACKSONVILLE 28540 U OF MONTERREY	OBG AC 81 83 86 919 353-2115	COBB, GREGORY WAYNE 264 MEMORIAL DRIVE JACKSONVILLE 28540 VANDERBILT U	OPH AC 73 77 81 919 353-1030	EDWARDS, TIMOTHY FREEMAN 245 MEMORIAL DR. JACKSONVILLE 28540 BOWMAN GRAY	OBG AC 78 78 83 919 353-4333
BALLENGER, CLARENCE EUGENE, III 227 MEMORIAL DRIVE. JACKSONVILLE 28540 MED U OF SC	N AC 78 79 82 919 353-3625	COLLIGAN, JOSEPH FRANCIS 192 VILLAGE DRIVE JACKSONVILLE 28540 LOYOLA U	P/CHP AC 58 59 84 919 353-4165	FOX, RAYMOND MORRIS, JR. P. O. BOX 910 JACKSONVILLE 28541 VANDERBILT U	GYN/GP AC 64 65 74 919 347-2133
BARNES, MAJOR RUSSELL, JR. 200 MEMORIAL DR. JACKSONVILLE 28540 BOWMAN GRAY	OBG/FP AC 48 49 55 919 353-0759	CRIST, TAKEY 200 MEMORIAL DRIVE JACKSONVILLE 28540 U OF NC	OBG AC 65 65 71 919 353-2115	GABLE, WALTER DELAY ONSLow MEMORIAL HOSPITAL JACKSONVILLE 28540 U OF MARYLAND	PTH/FOP AC 54 54 74 919 353-7803
BATCHELLER, EDGAR H., JR. P. O. BOX 1000 JACKSONVILLE 28540 U OF VIRGINIA	GS/TS AC 64 64 71 919 353-2194	CUTHRELL, WILLIAM VANCE 300 S. HAWTHORNE RD. DIV. MATERNAL-FETAL MED/OBGYN WINSTON-SALEM 27103 U OF NC	OBG/NPM AC 81 85 78 919 353-5118	GALLAGHER, EDGAR GIVENS, JR. 1013 SCHALL PLACE JACKSONVILLE 28540 U OF NC	GS/TS AC 65 65 76 919 353-7848
BIANCHI, EDGARDO HUGO 1703 COUNTRY CLUB RD. STE. 202 JACKSONVILLE 28540 U OF ROSARIO	CD/IM AC 68 68 80 919 455-9600	DE-VARONA, JOSE MIGUEL 215 MEMORIAL DRIVE JACKSONVILLE 28540 U OF HABANA	FP/P AC 51 51 75 919 353-7741	GARRETT, CHARLES LEROY, JR. ONSLow MEMORIAL HOSPITAL JACKSONVILLE 28540 MED U OF SC	PTH/FOP AC 66 66 76 919 353-3498
BUFFONG, ERIC ARNOLD 1703 COUNTRY CLUB RD., STE. 203 JACKSONVILLE 28540 HOWARD U	OBG/END AC 77 79 85 919 346-2182	DEYTON, JOHN WESLEY, JR. 124 MEMORIAL DRIVE JACKSONVILLE 28540 U OF NC	OBG AC 56 56 78 919 353-7741	GEROCK, HENRY 200 DOCTOR'S DRIVE, SUITE M JACKSONVILLE 28540 U OF NC	FP AC 63 63 69 919 353-7600
CHUNG, HONG-YILL 407 CARMEN AVENUE JACKSONVILLE 28540 KOREA U	GP AC 69 69 79 919 353-2800	DILL, FRANKLIN GEORGE 124 MEMORIAL DRIVE JACKSONVILLE 28540 CORNELL U	OBG AC 63 67 68 919 353-7741	GOODWIN, MARY BURCH 12 OFFICE PARK DR. JACKSONVILLE 28540 LA STATE U	PD AC 86 82 87 919 353-6262

67. ONSLOW COMPONENT SOCIETY (Continued)

GREGORY, HUGH STANLEY NORTHWOODS PROF. PLZ. JACKSONVILLE 28540 U OF NC	OTO AC 64 64 73 919 455-4847	KREDEL, ERNST KARL WILHELM U.S. NAVAL HOSPITAL BOX 8, MCB CAMP LEJEUNE 28542 LANDES U.MUNSTER	OM/PH AC 49 62 85 919 451-2181	ROGERS, NOEL BRUCE 128 MEMORIAL DRIVE JACKSONVILLE 28540 GEORGETOWN U	ORS AC 67 69 74 919 353-4500
GROSS, JEFFREY LOUIS 128 MEMORIAL DRIVE JACKSONVILLE 28540 OHIO STATE U	ORS AC 72 72 80 919 353-4500	MARTIN, CHARLES R. 120 MEMORIAL DRIVE JACKSONVILLE 28540 DUKE	PD AC 63 63 69 919 353-0581	RUBIN, RICHARD BENNETT ST. MARGARET'S HOSPITAL P.O. DRAWER 311 MONTGOMERY, AL 36195 U OF ALABAMA	P AC 66 68 85
HAMMOCK, RONALD MACK 200 DOCTOR'S DR. SUITE C JACKSONVILLE 28540 U OF MICHIGAN	U AC 77 79 83 919 353-9994	MAYER, CAREY CHARLES 445 WESTERN BLVD., STE. A JACKSONVILLE 28540 TEMPLE U	P AC 77 79 85 919 347-1920	STREETER, GREGORY DEAN 200 DOCTOR'S DR. SUITE H JACKSONVILLE 28540 U OF NC	FP/DIA AC 80 80 80 919 353-0565
HARRIS, MICHAEL ALAN MOQ 2314 CAMP LEJEUNE 28542 U OF TENNESSEE	P AC 62 62 84 919 451-2081	MEASE, WILLIS EUGENE 209 S. CHURCH ST. RICHLANDS 28574 U OF NEBRASKA	FP AC 45 48 48 919 324-3105	TAJ-ELDIN, ADNAN 200 DOCTOR'S DR. STE. I JACKSONVILLE 28540 DAMASCUS U	IM/A AC 72 75 78 919 353-6327
HAYE, HENRY SOLOMON PO BOX 1229 JACKSONVILLE 28541 U OF WEST INDIES	OBG AC 79 80 86 919 346-2182	MOORE, THOMAS PHILLIP ONSLow MEMORIAL HOSPITAL JACKSONVILLE 28540 U OF NC	R AC 55 55 64 919 577-2274	TSE, ALEX YU CHOW 120 MEMORIAL DRIVE JACKSONVILLE 28540 U OF HONG KONG	PD/A AC 71 74 75 919 353-0581
HEATH, HUNTER 200 DOCTOR'S DRIVE, SUITE I JACKSONVILLE 28540 MCGILL U	IM/AI L/RT 43 47 48 919 353-6327	MUTHER, ELLIS FRANK 721 PROFESSIONAL DR. NEW BERN 28560 TULANE U	N/P AC 60 60 70 919 633-3744	TSE, ANDRE KON SANG 144 MEMORIAL COURT JACKSONVILLE 28540 U OF HONG KONG	CD/IM AC 71 74 77 919 353-5111
HOWARD, GEORGE ALBERT, III 100 PRESTON DR. JACKSONVILLE 28540 EAST CAROLINA U	DR AC 82 86 79 919 577-1171	MYERS, CARY JOHN PO BOX 5025 JACKSONVILLE 28540 U OF NEBRASKA	FP AC 73 73 77 919 353-2300	TURLINGTON, WADE ROBERT 200 DOCTOR'S DRIVE, SUITE M JACKSONVILLE 28540 U OF NC	FP AC 69 69 73 919 353-8100
HUDSON, SARAH TILTON WILLCOX 12 OFFICE PARK DR. JACKSONVILLE 28540 U OF NC	PD AC 82 85 85 919 353-6262	O'NEIL, H. WILLIAM 200 MEMORIAL DR. JACKSONVILLE 28540 DALHOUSIE U	OBG AC 58 85 86 919 353-2115	VENTERS, WAYNE BURNETTE 200 DOCTOR'S DRIVE, SUITE J JACKSONVILLE 28540 U OF NC	ORS AC 64 64 73 919 353-1412
ISSA, MAHMOUD A. 224 MEMORIAL DR. STE. A JACKSONVILLE 28540 DAMASCUS U	GE/IM AC 71 71 80 919 577-1444	OLSEN, KENNETH GEORGE 137 COKE PLACE JACKSONVILLE 28540 U OF COLORADO	AN AC 67 67 74 919 455-0188	VERELL, KAREN LEA 12 OFFICE PARK DR. JACKSONVILLE 28540 U OF MISSISSIPPI	PD/ADL AC 78 78 84 919 353-6262
KAPLAN, JEFFREY MARK ONSLow MEMORIAL HOSPITAL P. O. BOX 1358 JACKSONVILLE 28541 NEW YORK MED COL	R AC 70 71 84 919 577-2345	PATLAK, ERWIN M. 192 VILLAGE DR. JACKSONVILLE 28540 U OF ILLINOIS	P/EM AC 52 53 85 919 577-1400	WHITEHURST, WALTER CLAYTON, JR. 201 DEBORAH DRIVE JACKSONVILLE 28540 U OF NC	R AC 68 68 75 919 577-2274
KEARNEY, THOMAS 5004 OCEAN DRIVE EMERALD ISLE 28557 NAT U OF IRELAND	AC 54 55 85	PIVER, JAMES DECAMP 1002 SCHALL PLACE JACKSONVILLE 28540 U OF PENN	GS/ABS AC 43 44 51 919 353-7848	WILLIAMS, PAUL FRANKLIN 200 MEMORIAL DRIVE JACKSONVILLE 28540 U OF LOUISVILLE	OBG AC 65 66 74 919 353-2115
KITCHEN, THOMAS WARD, JR. 410 NEW BRIDGE ST. APT. 10-A JACKSONVILLE 28540 BOWMAN GRAY	FP AC 59 59 60 919 347-1788	REICHLING, GEORGE HENRY 300 WESTERN BLVD. JACKSONVILLE 28540 JEFFERSON	D AC 57 58 85 919 577-7288	WILSHIRE, LARRY BRENT 825 GUM BRANCH RD., STE. 133 JACKSONVILLE 28540 WEST VA U	OPH AC 74 79 84 919 346-2444
		REICHLING, PIRKKO ESTERI 300 WESTERN BLVD. JACKSONVILLE 28540 U OF OULU	GP AC 70 80 85 919 353-0176	WOLANSKI, TERRENCE PHILIP 118 MEMORIAL DRIVE JACKSONVILLE 28540 U OF VIRGINIA	PUD/IM AC 76 76 83 919 353-1811

70. PASQUOTANK-CAMDEN-CURRITUCK-DARE COMPONENT SOCIETY

OFFICERS—President: Eugene M. McDaniel, M.D., 1142 N. Road St., Elizabeth City 27909 (919 338-0101)

Secretary: Charles Davidson, M.D., P.O. Box 2557, Kill Devil Hills 27948

BAILEY, CLAUDE FLETCHER 1142 N. ROAD STREET ELIZABETH CITY 27909 U OF MARYLAND	OBG AC 45 45 48 919 338-3914	CARMACK, KEITH K.K. KITTY HAWK MEDICAL CTR. SR 338-F KITTY HAWK 27949 U OF HAWAII	FP AC 83 84 87 919 261-3848	DAVIDSON, CHARLES STEPHEN ROUTE #1, BOX 158 KILL DEVIL HILLS 27948 U OF KENTUCKY	EM/FP AC 74 76 78 919 441-5698
BARBER, ALFRED JOSEPH 1134 N. ROAD STREET ELIZABETH CITY 27909 GEORGETOWN U	IM/HEM AC 76 77 77 919 338-5183	CLARK, CATHERINE LEAH 4716 CROATAN HIGHWAY KITTY HAWK 27949 M C OF WISCONSIN	FP AC 77 78 83 919 261-3848	DE LIGIO, JAMES JOSEPH KITTY HAWK MED. CTR. KITTY HAWK 27949 NEW YORK MED COL	FP/HYP AC 74 86 87 919 261-3848
BEALS, MARTIN FEARING, JR. 78 MEADS STREET ELIZABETH CITY 27909 U OF NC	PD AC 76 76 82 919 338-2155	COOK, JOHN EDMUND PO BOX 96 CAMDEN 27921 M C OF WISCONSIN	AN AC 78 78 83 919 338-1542	DENUNZIO, NEIL L. PO BOX 9 WINFALL 27985 JEFFERSON	IM AC 82 82 86 919 426-9172
BOUNOUS, JUDITH FRANCES 2082 RIVERSHORE ROAD ELIZABETH CITY 27909 BOWMAN GRAY	EM/PD AC 70 70 84 919 335-1003	CRUTCHFIELD, WILLIAM M. 1134 N. ROAD STREET ELIZABETH CITY 27909 U OF NC	OTO/PS AC 66 66 73 919 335-2923	EADIE, EDWARD B., JR. 1134 N. ROAD STREET ELIZABETH CITY 27909 U OF VIRGINIA	U AC 67 67 74 919 338-4141
BRANDSPIGEL, KARL 104 W. COLONIAL AVE. ELIZABETH CITY 27909 U OF CALIFORNIA	NEP/IM AC 75 78 82 919 335-1083	CRUTCHLEY, WILLIAM F., JR. 1134 N. ROAD STREET ELIZABETH CITY 27909 MED COLL OF VA	GS AC 59 66 67 919 338-3909	FOX, EARL RUSSELL 1830 DELAWARE AVE. CAPE MAY, NJ 08204 MED COLL OF VA	RHU/IM AC 53 54 80 609 884-6391
BURROUGHS, FRANKLIN DANFORD P. O. BOX 248 HATTERAS 27943 U OF NC	FP AC 63 63 67 919 986-2388			GILBERT, MICHAEL T. 1134 N. ROAD STREET ELIZABETH CITY 27909 NEW YORK MED COL	OPH AC 67 68 73 919 338-0148

70. PASQUOTANK-CAMDEN-CURRITUCK-DARE COMPONENT SOCIETY (Continued)

GRAHAM, JOHN CALHOUN, JR. 106 S. WATER ST. PO BOX 250 ELIZABETH CITY 27909 U OF NC	DR /NM AC 61 61 70 919 335-2652	MCDANIEL, EUGENE MARVIN, JR. 1142 N. ROAD STREET ELIZABETH CITY 27909 MED COLL OF VA	OBG AC 62 62 82 919 338-0101	RUSSELL, WILLIAM MICHAEL P. O. BOX 250 ELIZABETH CITY 27909 NAT U OF IRELAND	R /NM AC 69 70 80 919 335-0531
HAND, LEROY CORBETT, JR. ROUTE #1, BOX 490 CAMDEN 27921 BOWMAN GRAY	FP /EM L/RT 50 50 51 919 335-0531	MONCLA, ALFRED MARIE 1134 N. ROAD STREET ELIZABETH CITY 27909 LA STATE U	OBG AC 64 64 72 919 338-2151	SLEDGE, JOHN BURTON, JR. P. O. BOX 610 KILL DEVIL HILLS 27948 DUKE	PH AC 55 55 59 919 441-6182
HARRELL, WILLIAM FLETCHER, JR. 1142 N. ROAD ST. ELIZABETH CITY 27909 U OF VIRGINIA	PD AC 43 47 47 919 338-2155	OWENS, ZACK DOXEY P. O. BOX 422 ELIZABETH CITY 27909 U OF MARYLAND	GS /GYN L/RT 30 30 40 919 335-4492	SOUTHWORTH, ALVIN JUDSON 1134 N. ROAD STREET ELIZABETH CITY 27909 MED COLL OF VA	OBG AC 57 57 82 919 338-0887
HOGGARD, WILLIAM ALDEN, JR. PO BOX 726 110 S. POOL ST. ELIZABETH CITY 27909 BOWMAN GRAY	FP AC 44 44 47 919 335-0867	PETERS, WILLIAM ANTHONY, JR. P. O. BOX 392 ELIZABETH CITY 27909 DUKE	GYN AC 43 44 44 919 335-2355	SPAETH, WALTER 1904 RIVERSHORE ROAD ELIZABETH CITY 27909 DUKE	IM L/RT 43 47 50 919 335-7389
HOLTON, WALTER LEGGETT NORTH MAIN HIGHWAY PO BOX 1045 MANTEO 27954 DUKE	FP AC 73 74 75 919 473-3478	PICKREL, JERRY CLINE P. O. DRAWER 403 ELIZABETH CITY 27909 TULANE U	PTH AC 58 59 63 919 335-2258	THOMAS, WILLIAM RALPH RT. #3, BOX 476 ELIZABETH CITY 27909 CASE WESTERN RES	GP AC 49 53 53 919 338-2480
HUNSBERGER, KURT LEE 1142 N. ROAD STREET ELIZABETH CITY 27909 NORTHWESTERN U	IM AC 69 69 78 919 338-4117	POWELL, ROBERT NARROWAY 1142 N. ROAD STREET ELIZABETH CITY 27909 BOWMAN GRAY	IM AC 70 70 75 919 338-4117	TOLSON, ROGER JOHN 1134 N. ROAD STREET ELIZABETH CITY 27909 U OF LONDON	IM AC 57 74 75 919 335-2963
JENKINS, SAMUEL GATLIN, JR. 1142 N. ROAD STREET ELIZABETH CITY 27909 U OF NC	GS AC 55 55 63 919 335-4890	REDDING, MARSHALL SIMMS 1142 N. ROAD ST. PO BOX 1402 ELIZABETH CITY 27909 DUKE	OPH AC 66 66 72 919 335-5446	WATSON, JAMES MORRIS 1134 N. ROAD STREET ELIZABETH CITY 27909 U OF MICHIGAN	ORS AC 67 68 74 919 338-3993
KASTNER, ROBERT JEFFREY RT. #1, BOX 229 NAGS HEAD 27959 EASTERN VA	FP /EM AC 81 82 86 919 441-7111	ROBERTSON, JOSEPH LETCHER, JR. NORTH ROAD ST. ELIZABETH CITY 27909 BAYLOR	PTH AC 75 75 80 919 335-2258	WILLIAMS, RUSSELL WARREN PO BOX 911 KITTY HAWK 27949 DARTMOUTH U	FP AC 75 78 83 919 261-3848
KIZEN, PAUL ANDREW 1142 N. ROAD STREET ELIZABETH CITY 27909 U OF WISCONSIN	OBG AC 77 78 84 919 335-2061	ROGERS, RICHARD O., JR. BOX 724 FRANKLIN, VA 23851 MED COLL OF VA	IM AC 52 52 86 919 491-2446	WITWER, TIMOTHY SLAYTON 1207 N. ROAD ST. ELIZABETH CITY 27909 BOSTON U	IM /FP AC 71 71 82 919 335-4351
		ROMM, WILLIAM HENRY P. O. BOX 400 MOYOCK 27958 U OF VIRGINIA	FP L/RT 50 51 52 919 435-6621	WRIGHT, CHARLES NEWBOLD PO BOX 328 JARVISBURG 27947 TEMPLE U	FP AC 41 41 46 919 491-2446

73. PERSON COMPONENT SOCIETY

OFFICERS—President: George W. Gentry, M.D., P.O. Box 1038, Roxboro 27573 (919 599-1131)

Secretary: Andrew T. Melero, M.D., P.O. Box 28, Roxboro 27573 (919 599-2953)

BRADSHAW, JAMES DONALD P. O. BOX 168 ROXBORO 27573 BOWMAN GRAY	GP L/RT 45 45 50 919 599-1611	FITZGERALD, ROBERT GREESON P. O. BOX 856 ROXBORO 27573 U OF MARYLAND	GP AC 47 47 50 919 599-1131	MELERO, ANDRES TARCISIO P. O. BOX 28 ROXBORO 27573 DUKE	GS /TS AC 51 54 59 919 599-2953
ESTOYE, CESAR ROMERO 601 RIDGE ROAD ROXBORO 27573 U OF PHILIPPINES	GS /GP AC 63 71 76 919 599-0202	GATLIN, H. BEE ROUTE #1, BOX 28 MILTON 27305 BOWMAN GRAY	PH AC 60 60 64 919 234-8656	WINSLOW, JAMES ELBERT 609 PROFESSIONAL DR. ROXBORO 27573 U OF NC	FP AC 70 70 76 919 599-9258
ESTOYE, TERESITA FERRER 601 RIDGE ROAD ROXBORO 27573 U OF PHILIPPINES	OBG /NPM AC 63 71 76 919 599-0202	LONG, THOMAS DRUMWRIGHT P. O. BOX 797 ROXBORO 27573 BOWMAN GRAY	IM AC 52 52 56 919 599-3212		

74. PITT COMPONENT SOCIETY

OFFICERS—President: L. Robert Hanrahan, Jr., M.D., ECU Brody Bldg., 7E 124, Greenville 27834 (919 551-2806)

Secretary: Dennis R. Sinar, M.D., ECU, Dept. of Medicine, Greenville 27834 (919 551-4652)

Executive Secretary: Dianne H. Pickett, P.O. Box 2216, 1705 W. 6th St., Greenville 27834 (919 758-8833)

ADAMS, HARRY GLENN DEPT. OF MEDICINE ECU SCHOOL OF MEDICINE GREENVILLE 27834 BAYLOR	IM /ID AC 68 68 84 919 551-2550	ALSENTZER, ULRICH KARL REGIONAL REHABILITATION CTR. P. O. BOX 6028 GREENVILLE 27834 U OF TUEBINGEN	PM AC 78 78 85 919 551-4440	ATHEY, GEORGE RICHARD 3004 BRIARCLIFF DRIVE GREENVILLE 27834 EAST CAROLINA U	IM S 87 00 83 919 756-8793
ALLISON, E. JACKSON, JR. ECU, DEPT. OF EMERG. MED. GREENVILLE 27834 U OF NC	EM AC 75 75 73 919 551-4757	AMES, DAVID ANTHONY 313 LONGMEADOW ROAD GREENVILLE 27834 MCGILL U	P AC 68 69 84 919 752-7151	ATKINSON, SAMUEL MARVIN, JR. 1401 E. FIFTH ST. GREENVILLE 27858 DUKE	OBG AC 61 61 85 919 551-4669
ALQAISI, MUNTHUR E. ECU SCHOOL OF MED. DEPT. OF RADIATION ONCOLOGY GREENVILLE 27834 BAGHDAD U	ON AC 73 83 86 919 551-2900	ARTIS, ISAAC AMOS, JR. 114 ROANOKE PLACE P. O. BOX 7304 GREENVILLE 27834 MEHARRY MED COLL	IM AC 72 74 82 919 756-6986	AUSTIN, ERLE HARRIS, III DIV. OF CARDIAC SURGERY ECU SCHOOL OF MEDICINE GREENVILLE 27834 HARVARD	CDS /TS AC 74 74 86 919 551-4822

74. PITT COMPONENT SOCIETY (Continued)

AVERY, ELEANOR ELIZABETH RT. #2, BOX 305 GREENVILLE 27834 EAST CAROLINA U	S 88 00 85 919 752-0569	BLACKWELL, MICHAEL A. 114-D RIVER BLUFF RD. GREENVILLE 27834 EAST CAROLINA U	S 90 00 86 919 758-7303	CAIN, JAMES RAVENEL, III ECU GREENVILLE 27858 MED U OF SC	NEP AC 76 77 87 919 551-2545
BAKER, CHARLES SCOTT, III RT. #1, BOX 93 GREENVILLE 27834 DUKE	FP AC 79 81 87 919 747-2921	BODE, DONALD DENBY, JR. 2573 STANTONSBURG RD. GREENVILLE 27834 U OF MIAMI	OPH AC 74 75 86 919 752-0313	CAMNITZ, PAUL SAMUEL BOX 5007 GREENVILLE 27834 U OF NC	OTO AC 74 74 79 919 752-5227
BAKERMAN, SEYMOUR 2902 MEMORIAL DRIVE GREENVILLE 27834 CASE WESTERN RES	PTH AC 59 59 77 919 551-2801	BORCHERT, LYNN GORDON 2245 STANTONSBURG RD. #A GREENVILLE 27834 U OF MICHIGAN	GYN AC 58 69 80 919 752-0973	CAMPBELL, DIANE JANE 2315 EXECUTIVE PARK CIR. PO BOX 8307 GREENVILLE 27835 MEHARRY MED COLL	OBG AC 77 78 86 919 830-1035
BANDY, LAWRENCE C. ECU SCHOOL OF MED. DEPT. OF OB-GYN GREENVILLE 27834 DUKE	GYN /ON AC 77 81 87 919 551-4201	BOST, WILLIAM STUART, JR. 8 DOCTOR'S PARK PO BOX 5007 GREENVILLE 27834 U OF NC	OTO AC 62 62 70 919 752-5227	CAMPBELL, PETER BRUCE ECU SCH. OF MEDICINE GREENVILLE 27834 U OF WASHINGTON	ID /IM AC 68 71 80 919 551-2550
BAREFOOT, JENNIFER ANNE COATS 2016 ALTA AVE. LOUISVILLE, KY 40205 U OF LOUISVILLE	S 88 00 85 919 758-4466	BOWMAN, CHRIS RICHARDS PO BOX 607 AURORA 27806 EAST CAROLINA U	S 89 00 85 919 758-6437	CARO, JOSE FRANCISCO ECU, DEPT. OF MEDICINE GREENVILLE 27834 U OF URUGUAY	END /IM AC 73 73 83 919 551-2571
BARNES, VICTOR RUSSELL 111 N. MEADE ST. GREENVILLE 27834 EAST CAROLINA U	S 89 00 85 919 758-1547	BOWMAN, JAMES FREDERICK 117 MEDICAL DRIVE GREENVILLE 27834 TEMPLE U	ORS AC 61 66 67 919 758-1777	CARSON, JACK OLIVER P. O. BOX 549 GRIFTON 28530 U OF MARYLAND	FP AC 52 52 54 919 524-4463
BARROW, ROY DOUGLAS 2-J COURTNEY SQUARE GREENVILLE 27858 EAST CAROLINA U	S 90 00 86 919 756-3746	BOWYER, ALLEN FRANK 2000 VENTURE TOWER DR., STE. 300 LOMA LINDA U	CD AC 59 60 78 919 551-4651	CARTER, JAMES WALTER 10 DOCTOR'S PARK STANTONSBURG ROAD GREENVILLE 27834 JOHNS HOPKINS	TS /GS AC 64 64 72 919 758-1747
BARTLETT, EDWIN CLARY #6 MEDICAL PAVILION GREENVILLE 27834 U OF NC	ORS AC 78 79 84 919 752-4613	BOYETTE, DEANNA MARIE BOX 1473 GREENVILLE 27835 EAST CAROLINA U	S 88 00 85 919 758-8785	CASTELLANI, WM. JOHN ECU SCHOOL OF MEDICINE DEPT. OF CLINICAL PATHOLOGY GREENVILLE 27834 U OF MICHIGAN	PTH AC 80 85 87 919 757-4928
BARTLETT, STEPHEN RUSSELL 208 N. LONGMEADOW ROAD GREENVILLE 27834 DUKE	GS L/RT 43 50 50 919 752-3218	BRAME, ROBERT GRIFFIN 1729 FOREST HILL DR. GREENVILLE 27858 U OF NC	OBG AC 55 55 62 919 755-8535	CAVENDER, CARY PAUL 202-B SHILOH DR. GREENVILLE 27834 EAST CAROLINA U	S 87 00 84 919 355-7327
BASKIN, JAYNE FRANCES 32F ARLINGTON SQUARE GREENVILLE 27858 EAST CAROLINA U	S 90 00 86 919 756-5256	BRAMLEY, MICHAEL LAIRD 1800 W. FIFTH STREET GREENVILLE 27834 YALE	PD AC 73 75 77 919 752-7141	CHAMBERLAIN, JACK KENNETH ECU, SCHOOL OF MEDICINE GREENVILLE 27834 U OF ILLINOIS	HEM /ON AC 54 55 80 919 551-2560
BATTS, MARK BURREL RT. #8, BOX 269 GREENVILLE 27834 EAST CAROLINA U	S 88 00 86 919 752-3648	BREMER, CHARLES CHRISTOPHER 317 PINWOOD ROAD GREENVILLE 27834 DUKE	FP AC 64 64 68 919 756-7974	CHAMBERLAIN, MATTHEW P. 136 FOREST ACRES DR. GREENVILLE 27834 EAST CAROLINA U	S 90 00 86 919 551-3267
BEAMER, MARK EDWARD 119 FLETCHER PL. GREENVILLE 27834 EAST CAROLINA U	S 90 00 86 919 758-2290	BRIGHT, DON CLARK 1705 W. SIXTH STREET GREENVILLE 27834 U OF NC	AN AC 71 71 74 919 752-2140	CHAPLINSKI, THOMAS JOSEPH 1705 W. 6TH ST. GREENVILLE 27834 U OF CHICAGO	ON /HEM AC 77 78 84 919 752-6101
BEANE, SCOTT DOUGLAS 3-I COURTNEY SQUARE APTS. GREENVILLE 27858 EAST CAROLINA U	S 89 00 85 919 758-5617	BRINKMAN, LINDA EVES 10 PALMETTO PLACE GREENVILLE 27834 EAST CAROLINA U	S 87 00 85 919 355-6121	CHITWOOD, WALTER R., JR. 106 JAMESTOWN ROAD GREENVILLE 27834 U OF VIRGINIA	CDS /TS AC 74 83 84 919 551-4822
BEEKER, THADDEUS ARLEN APT. 16-F, COURTNEY SQUARE GREENVILLE 27834 EAST CAROLINA U	S 89 00 85 919 737-8170	BROWN, MICHAEL ASHLEY 114 FLETCHER PLACE GREENVILLE 27834 EAST CAROLINA U	S 88 00 85 919 758-3315	CLARKE, DONALD KEITH 1530-0 BRIDLE CIR. GREENVILLE 27834 EAST CAROLINA U	S 89 00 85 919 756-2072
BENSON, NICHOLAS HEROD 1309 FANTASIA STREET GREENVILLE 27858 U OF SOU. DAKOTA	EM AC 80 81 84 919 551-4297	BRYANT, LYNETTE PO BOX 7069 GREENVILLE 27835 EAST CAROLINA U	S 90 00 86 919 758-6981	CLEMENT, JAMES EDWIN 101 BETHESDA DRIVE GREENVILLE 27834 DUKE	GYN AC 54 55 62 919 758-4181
BENTZEL, CARL JOHAN ECU DEPT. OF RENAL MED. GREENVILLE 27858 U OF ALABAMA	IM /NEP AC 58 58 85 919 551-2545	BURCHETTE, BRUCE WILSON G-6 DOCTOR'S PARK APTS. GREENVILLE 27834 EAST CAROLINA U	S 89 00 85 919 551-2555	CLINE, DAVID MARTIN 1211 RED BANKS RD. GREENVILLE 27858 WAYNE STATE U	EM AC 82 83 85 919 551-2954
BERGER, BRUCE R. ECU, DEPT. OF PSY, BRODY BLDG. GREENVILLE 27858 U OF MINN	CHP /P AC 77 78 84 919 551-2660	BURKART, THOMAS ELMA 6 DOCTOR'S PARK GREENVILLE 27834 MED U OF SC	NEP AC 73 74 79 919 752-8880	CLINE, KATHLEEN ANN 1211 RED BANKS RD. GREENVILLE 27858 WAYNE STATE U	EM AC 82 83 85 919 551-4757
BERRETTA, JEANNE SMITH PO BOX 1846 ECU SCHOOL OF MEDICINE GREENVILLE 27834 U OF ALABAMA	FP /GER AC 79 80 86 919 551-4611	BURKE, WILLIAM ALLEN 502 WINSTEAD RD. GREENVILLE 27834 EAST CAROLINA U	D AC 82 83 79 919 551-4633	COLEMAN, NANCY LOU 403 HILLTOP ST. GREENVILLE 27858 EAST CAROLINA U	S 89 00 86 919 752-3394
BEST, ANDREW ARTHUR P. O. BOX 949 GREENVILLE 27834 MEHARRY MED COLL	FP L 51 53 65 919 752-2129	BUSHER, JANICE THERESE 133 ANTLER RD. GREENVILLE 27834 MED SCH-UMDNJ	IM AC 79 80 87 919 551-1812	CONTOGIANNIS, MARY ANN 3529 SPICEBUSH TRAIL GREENSBORO 27410 EAST CAROLINA U	S 87 00 85 919 756-6143
BINION, MARK LEE 106 SCALES PL., APT. A-7 GREENVILLE 27834 EAST CAROLINA U	S 89 00 85 919 758-9438	BYRD, VERNON DALE 1015-B WESTOVER DR. GREENVILLE 27834 EAST CAROLINA U	S 90 00 86 919 752-8880	COOK, BRIAN DOCTORS PARK APTS. U-1 GREENVILLE 27834 EAST CAROLINA U	S 89 00 85 919 758-3689
		BYRUM, GRAHAM VANCE, JR. 6 DOCTORS PARK GREENVILLE 27834 BOWMAN GRAY	IM /NEP AC 80 81 79 919 752-8880		

74. PITT COMPONENT SOCIETY (Continued)

COTTEN, AARON R.	S		DIXON, JOHN ELLIOTT	FP	FOREMAN, SUSAN DOWNER	PD AC
108-B CEDAR COURT	90 00 86		P. O. BOX 427	58 58 64	505 BREMERTON DR.	78 78 86
GREENVILLE 27858			AYDEN 28513		GREENVILLE 27834	
EAST CAROLINA U	919 551-0571		DUKE	919 746-3116	U OF NC	919 752-7141
CRAWLEY, GEORGE EDWARD, III	S		DOUGLAS, EDGAR SMITH, JR.	OBG AC	FOWLER, WILLIAM EDWARD	S
1113 HILLSIDE DR.	88 00 85		101 BETHESDA DRIVE	61 64 68	106 SCALES PL. B-1	89 00 85
GREENVILLE 27834			GREENVILLE 27834		GREENVILLE 27834	919 758-2908
EAST CAROLINA U	919 830-0748		MED COLL OF VA	919 758-4181	FRANKLIN, ROBERT CHARLES	FP AC
CRISP, SELLERS LUTHER	ORS AC		DRIVER, ALBERT GARDNER, JR.	PUD /IM AC	500 CEDARHURST	80 81 86
6 MEDICAL PAVILION	60 60 68		ECU, DEPT. OF MEDICINE	78 80 84	GREENVILLE 27834	
GREENVILLE 27834			GREENVILLE 27834		BOWMAN GRAY	919 752-7133
U OF NC	919 752-4613		PENN STATE U	919 551-4653	FREEDMAN, MICHAEL VY	S
CROSKERY, RICHARD WILLIAM	IM AC		DUCKETT, CHARLES HOWARD	FP AC	110 FARMHOUSE PLACE	89 00 85
1705 W. 6TH ST., BLDG. E	81 83 84		ECU SCHOOL OF MEDICINE	57 57 58	GREENVILLE 27834	
GREENVILLE 27834			GREENVILLE 27834		EAST CAROLINA U	919 756-0396
OHIO STATE U	919 752-6101		BOWMAN GRAY	919 551-4614	FREEL, PAUL DUANE	S
CROUNSE, ROBERT GRIFFITH	D AC		DUKES, ROBERT RAYMOND	S	404 HILLCREST DRIVE	89 00 85
RT. #2, BOX 263-T	55 61 83		1301-A DICKINSON AVE.	89 00 86	GREENVILLE 27834	
BLOUNTS CREEK 27814			GREENVILLE 27834		EAST CAROLINA U	919 355-7807
YALE	919 551-4629		EAST CAROLINA U	919 756-9928	FREEMAN, SANDRA	S
CUNNINGHAM, PAUL RAY GOLDWYN	GS AC		EBERT, JAMES B., JR.	S	411 E. FOURTH ST.	90 00 86
ECU, BRODY BLDG., ROOM 4S-10	72 72 83		#4 CARRIAGE HOUSE	90 00 86	GREENVILLE 27834	
GREENVILLE 27834			GREENVILLE 27834		EAST CAROLINA U	919 752-4337
U OF WEST INDIES	919 551-2620		EAST CAROLINA U	919 756-5093	FULCHER, WILLIAM L., III	FP AC
DABBS, DAVID JOSEPH	PTH AC		EDWARDS, WILSON BARTON, JR.	S	PO BOX 657	82 83 86
BRODY 1F79, ECU SCH. OF MED.	80 80 84		111 N. MEADE STREET	89 00 84	SNOW HILL 28580	
GREENVILLE 27834			GREENVILLE 27834		U OF NC	919 747-2921
MED COLL OF OHIO	919 551-4495		EAST CAROLINA U	919 758-1547	FURR, SARA MARCELLA	S
DAGENHART, TIMOTHY LEE	S		EISELE, JOHN EVANS	PD /PM AC	2521 MEMORIAL DR.	90 00 86
322 SPRINGHILL RD.	88 00 85		PO BOX 6028	65 67 87	GREENVILLE 27834	
GREENVILLE 27834			GREENVILLE 27834		EAST CAROLINA U	919 756-9596
EAST CAROLINA U	919 830-1242		U OF WISCONSIN	919 551-4440	GALLOWAY, JAMES MADISON, JR.	FP AC
DANOFF, JASCHA WOLSEY	CHP /P AC		ENGELKE, STEPHEN CARL	PD /NPM AC	PO BOX 427	74 74 78
ECU, DEPT. OF PSYCHIATRY	55 56 82		220 PINEVIEW DRIVE	74 79 82	AYDEN 28513	
GREENVILLE 27858			GREENVILLE 27834		BOWMAN GRAY	919 746-3116
U OF TORONTO	919 551-2660		JOHNS HOPKINS	919 551-4665	GAMBLE, ELIZABETH RHODES	IM /GER AC
DAUGHTERY, JANICE ELAINE	FP AC		EVANS, AMOS RAY	P AC	607 WINSTEAD RD.	77 80 83
P. O. BOX 339	78 81 82		1705 W. SIXTH STREET, BLDG. H	62 62 66	GREENVILLE 27834	
BETHEL 27812			GREENVILLE 27834		U OF NC	919 756-7901
BOWMAN GRAY	919 551-4614		U OF NC	919 758-4810	GANICK, DOROTHY J.	PD /PHO AC
DAVIDSON, LARRY STEVE	S		EVANS, JAMES HARVEY	S	ECU SCHOOL OF MEDICINE	71 71 87
1183 MULBERRY LN, APT. 30-G	88 00 85		E-6 DOCTOR'S PARK	90 00 86	PCMH W288-PEDIATRICS	
GREENVILLE 27858			GREENVILLE 27834		GREENVILLE 27834	919 757-4676
EAST CAROLINA U	919 752-7202		EAST CAROLINA U	919 758-2577	U OF WISCONSIN	
DAVIS, GEORGE EDWARD	PD AC		EVATT, W. CHRISTOPHER	S	GAVIGAN, JAMES RICHARD	U AC
8 MEDICAL PAVILION	70 71 79		A-Z UNIVERSITY MEDICAL PK.	89 00 86	2 DOCTOR'S PARK	67 68 75
GREENVILLE 27834			GREENVILLE 27834		GREENVILLE 27834	919 752-5077
U OF TENNESSEE	919 758-1750		EAST CAROLINA U	919 758-2059	U OF KENTUCKY	
DAWKINS, HOWARD GARRETT, JR.	PS /GS AC		FAGUNDUS, DUNCAN MCLEOD	S	GAYLORD, GREGG M.	DR AC
2577 STANTONSBURG ROAD	68 68 75		410-B STUDENT ST.	88 00 85	115 CARDINAL DR.	81 84 87
GREENVILLE 27834			GREENVILLE 27834		GREENVILLE 27858	
BOWMAN GRAY	919 752-1406		EAST CAROLINA U	919 752-3014	U OF CINCINNATI	919 752-5000
DEBOGORSKI, JOZEFA	PM AC		FEARRINGTON, ERIC	CD /IM AC	GIBLIN, JOHN MARTIN	S
PO BOX 6028	75 82 86		2 MEDICAL PAVILION	57 57 64	F-2 DOCTOR'S PARK APTS.	89 00 86
GREENVILLE 27834			GREENVILLE 27834		GREENVILLE 27834	
KRAKOW-POLAND	919 551-4440		U OF NC	919 752-3185	EAST CAROLINA U	919 752-8619
DELLASEGA, MARK	IM /GE AC		FERGUSON, ALFRED LEA	NEP /IM AC	GILBERT, CHARLES FRANKLIN	PTH AC
1705 W. SIXTH ST.	75 76 83		6 DOCTOR'S PARK	61 61 70	PITT CO. MEM. HOSP.-LAB. MED.	59 59 66
GREENVILLE 27834			GREENVILLE 27834		GREENVILLE 27834	
U OF KANSAS	919 752-6101		U OF TENNESSEE	919 752-8880	U OF NC	919 551-4495
DEVIRGILIIS, JUAN CARLOS	FP AC		FINLEY, JAMES LEO	PTH AC	GLENN, SHELLEY FAYE	S
PO BOX 709	82 84 86		BRODY 1F79, ECU SCH. OF MED.	78 83 84	RT. #1, BOX 69-F	89 00 85
FARMVILLE 27828			GREENVILLE 27834		WINTERVILLE 28590	
U OF LA PLATA	919 753-7181		MED COLL OF PENN	919 551-4495	EAST CAROLINA U	
DEWITT, DONALD EVERETT	FP AC		FLEMING, DUARD FRANCIS, JR.	N AC	GOWEN, CLARENCE WM., JR.	PD /NPM AC
321 PINEWOOD DR.	54 55 87		425 STANTONSBURG ROAD	72 73 79	ECU SCHOOL OF MEDICINE	79 81 85
GREENVILLE 27834			GREENVILLE 27834		GREENVILLE 27834	
WAYNE STATE U	919 757-4614		BOWMAN GRAY	919 752-4848	MED COLL OF VA	919 551-4812
DEYTON, ROBERT GUY, JR.	OBG AC		FLICKINGER, EDWARD GARNER	GS AC	GOWEN, MARILYN ALLEY	PD /PDA AC
101 BETHESDA DRIVE	55 55 64		305 GRANVILLE DRIVE	73 75 82	ECU, DEPT. OF PEDIATRICS	79 80 85
GREENVILLE 27834			GREENVILLE 27834		GREENVILLE 27858	
DUKE	919 758-4181		DUKE	919 551-4629	MED COLL OF VA	919 551-4772
DIAMOND, JOHN MICHAEL	P /CHP AC		FOIL, MARY BETH	GS AC	GRANT, TERRY ALAN	S
ECU, DEPT. OF PSYCHIATRY	79 80 84		PO BOX 87422	81 81 81	2905-A CEDAR CREEK RD.	89 00 85
GREENVILLE 27858			SAN DIEGO, CA 92870		GREENVILLE 27834	
HOWARD U	919 551-2673		EAST CAROLINA U		EAST CAROLINA U	919 758-6820
DIECKMANN, MERWIN R.	FP AC		FORDE, RICHARD JAMES	P AC	GRAY, CHARMAINE D.	PD AC
P. O. BOX 1846	54 55 83		PO BOX 8428	77 77 87	PO BOX 238	83 85 87
GREENVILLE 27834			GREENVILLE 27835		HOOKERTOWN 28538	
U OF IOWA	919 756-4611		YALE	919 551-2661	U OF NC	919 747-2817
DILLARD, THOMAS ARTHUR	IM /PUD AC		FORE, WILLIAM WHATELY	END /IM AC	GRAY, ROBERTA SKINNER	PNP AC
ECU SCHOOL OF MED.	78 81 87		ECU SCHOOL OF MEDICINE	60 60 67	ECU DEPT. OF PEDIATRICS	72 72 84
DEPT. OF MEDICINE			GREENVILLE 27858		GREENVILLE 27834	
GREENVILLE 27834			DUKE	919 551-2571	U OF NC	919 551-4963
U OF NC	919 551-4653					

74. PITT COMPONENT SOCIETY (Continued)

GREASON, FRANCES CRAWFORD 106 SCALES PL. M-2 GREENVILLE 27834 EAST CAROLINA U	S 90 00 86	HEATH, STACEY MAURICE 202-A LINDBETH DR. GREENVILLE 27834 EAST CAROLINA U	S 88 00 85 919 355-2402	JOHNSON, SAMUEL ANDREW APT. #4, CARRIAGE HOUSE GREENVILLE 27834 EAST CAROLINA U	S 89 00 85 919 934-2161
GREGORY, GLADYS REGINA L-13 DOCTORS PARK APTS. GREENVILLE 27834 EAST CAROLINA U	S 90 00 86 919 758-5954	HEIZER, MORTIMER DANTZLER 701 N. MAIN STREET FARMVILLE 27828 MED COLL OF VA	FP AC 61 64 65 919 753-3193	JOHNSON, THOMAS DUANE DOCTORS PARK APTS. U-4 GREENVILLE 27834 EAST CAROLINA U	S 90 00 86 919 758-4458
GREGORY, JERRY GLEN ECU, DEPT. OF PSYCHIATRY GREENVILLE 27858 U OF OKLAHOMA	P AC 69 69 83 919 551-2660	HENDERSON, CATHY LYNN 3027 PARK VILLAGE APT. 7-13 ADAMS BLVD. GREENVILLE 27834 EAST CAROLINA U	S 90 00 86 919 758-4094	JOHNSRUDE, IRWIN STANLEY P. O. BOX 328, RTE. #9 GREENVILLE 27834 U OF MANITOBA	DR AC 56 66 66 919 756-9280
GRIFFIN, STEPHANIE D. RT. 1, BOX 260 MACCLESFIELD 27852 EAST CAROLINA U	S 90 00 86 919 827-5567	HENDRIX, JOHN DAVID 1705 W. SIXTH STREET GREENVILLE 27834 U OF FLORIDA	D AC 67 68 73 919 752-4124	JOHNSTONE, WILLIAM MILLER, JR. 1608 BEAUMONT DR. GREENVILLE 27858 EAST CAROLINA U	S 89 00 85 919 758-7213
GRIGGS, JAMES PHILIP, JR. P. O. BOX 172 WINTERVILLE 28590 EAST CAROLINA U	S 89 00 85 919 756-9608	HENGVELD, LOFTUS, JR. 107 IRON WOOD DRIVE GREENVILLE 27834 HAHNEMANN	EM /AN RT 47 48 77 919 756-2047	JONES, BILLY ERNEST ECU DEPT. OF MEDICINE GREENVILLE 27834 DUKE	D AC 58 58 67 919 551-2555
GROLNICK, CAROL ANN 2007-B E. 4TH ST. GREENVILLE 27834 EAST CAROLINA U	S 87 00 85 919 758-5227	HENSON, DONALD LENTZ, JR. 24 SCOTT ST. GREENVILLE 27834 EAST CAROLINA U	S 88 00 85 919 756-7639	JONES, CHRISTOPHER 408 ROTARY AVE. GREENVILLE 27858 EAST CAROLINA U	S 89 00 85 919 752-5110
GUTAI, JAMES PAUL 3901 BEAUBIEN BLVD. CHILDRENS HOSP. OF MICHIGAN DETROIT, MI 48201 TEMPLE U	PDE /PD AC 70 71 83 313 745-5531	HINSON, TONY RAY RT. #1, BOX 434 GREENVILLE 27834 EAST CAROLINA U	S 89 00 85 919 758-5643	JONES, DAVID RAY 1046 E. ROCK SPRING RD. GREENVILLE 27834 EAST CAROLINA U	S 90 00 86 919 758-0812
GYVES, JOHN WILLIAM ECU DEPT. OF MEDICINE BRODY BLDG. MOYE BLVD. GREENVILLE 27834 M C OF WISCONSIN	IM /ON AC 77 77 86 919 551-2554	HODGES, JOSEPH AL, JR. 1108 E. 10TH ST., APT. 3-H GREENVILLE 27858 EAST CAROLINA U	S 89 00 85 919 758-7626	JONES, DENNIS EBLEN DARNELL ECU SCHOOL OF MEDICINE GREENVILLE 27858 DUKE	OBG AC 68 68 78 919 551-4610
HAAR, FREDERICK BEHREND 610 S. OAK STREET GREENVILLE 27834 JEFFERSON	PD L 32 32 35 919 752-2039	HOLBROOK, CARTER TATE, III ECU, DEPT. OF PEDIATRICS GREENVILLE 27834 U OF NC	PHO /PD AC 75 75 80 919 551-4676	JONES, FRANKLIN D. 125 MOYE BLVD. GREENVILLE 27834 EASTERN VA	NS AC 77 81 86 919 551-5156
HAGA, EDWARD WAYNE 804 FORBES ST. GREENVILLE 27834 EAST CAROLINA U	S 88 00 85 919 752-5190	HOLLAND, JAMES EUGENE 2573 STANTONSBURG ROAD GREENVILLE 27834 U OF MISSOURI	OPH AC 75 75 81 919 752-0313	JONES, JAMES GRADY P. O. BOX 1846 GREENVILLE 27835 BOWMAN GRAY	FP AC 59 59 61 919 551-2600
HAINER, BARRY LEWIS 602 QUEEN ANNE'S ROAD GREENVILLE 27834 GEORGETOWN U	FP AC 76 77 86 919 551-4164	HOLTER, JOHN FREDERICK HIGHWAY 64 WEST P. O. BOX 310 BETHEL 27812 PENN STATE U	IM /PUD AC 79 80 85 919 551-4653	JORDAN, CHARLES DANIEL PO BOX 652 BETHEL 27812 MED COLL OF VA	FP L 48 50 50 919 551-6841
HALE, JOHN CHARLES 10 DOCTOR'S PARK GREENVILLE 27834 WAYNE STATE U	GS /CDS AC 70 70 77 919 758-1747	HUDSON, RICHARD PAGE, JR. ECU SCHOOL OF MEDICINE DEPT. OF CLINICAL PATHOLOGY GREENVILLE 27834 MED COLL OF VA	FOP /PTH AC 56 68 68 919 551-4655	KALLMAN, HAROLD ECU DEPT. OF FAMILY MEDICINE GREENVILLE 27834 NEW YORK U	FP /GER AC 54 55 82 919 551-2597
HALL, BRENT DWAYNE DOCTOR'S PARK APTS, #P-7 GREENVILLE 27834 EAST CAROLINA U	S 88 00 85 919 752-7222	HUGHES, JAMES LEWIS PITT CO. MEM. HOSP. 228-2W GREENVILLE 27834 U OF MARYLAND	PD AC 55 55 82 919 355-2460	KANNON, GEORGIA ANN 114-A HUNTING RIDGE RD. GREENVILLE 27834 EAST CAROLINA U	S 89 00 86 919 758-2940
HAMILTON, GENE THOMAS 6 MEDICAL PAVILION GREENVILLE 27834 NORTHWESTERN U	ORS AC 67 68 74 919 752-4613	IMBODEN, LEY INEZ 217 E. WOODSTOCK DR. GREENVILLE 27834 EAST CAROLINA U	S 90 00 86 919 756-8735	KATARIA, SUDESH ECU DEPT. OF PEDIATRICS GREENVILLE 27834 LADY HARDINGE	PD AC 65 73 80 919 551-2535
HANRAHAN, LEO ROBERT, JR. ECU SCHOOL OF MEDICINE DEPT. OF PATHOLOGY GREENVILLE 27834 SYRACUSE	PTH /BLB AC 72 77 78 919 551-2806	IRONS, CARY FREDERICK, JR. 1104 W. ROCK SPRING ROAD GREENVILLE 27834 MED COLL OF VA	FP L/RT 41 46 46 919 752-3423	KATARIA, YASH PAL ECU DEPT. OF MEDICINE GREENVILLE 27834 M C OF AMRITSAR	PUD /IM AC 59 60 79 919 551-4653
HARDY, IRA MAY, II 125 MOYE BOULEVARD GREENVILLE 27834 U OF NC	NS AC 63 63 68 919 752-5156	IRONS, MALENE GRANT 1104 W. ROCKSPRING GREENVILLE 27834 MED COLL OF VA	PD /GPM L/RT 41 46 46 919 752-3423	KATZ, EDWARD KENNETH ECU SCHOOL OF MEDICINE GREENVILLE 27858 TUFTS U	P /PYM AC 74 75 86 919 551-2663
HARDY, JOHN GREGG 425 STANTONSBURG ROAD GREENVILLE 27834 BOWMAN GRAY	N AC 73 73 78 919 752-4848	IRONS, THOMAS GRANT ECU DEPT. OF PEDIATRICS GREENVILLE 27834 U OF NC	PD AC 72 72 82 919 551-2535	KENDRICK, PAUL WAYNE 6 DOCTORS PARK STANTONSBURG ROAD GREENVILLE 27834 U OF ALABAMA	NEP /IM AC 66 72 75 919 752-8880
HARRIS, LAWRENCE STANLEY ECU SCHOOL OF MEDICINE BRODY BLDG. 1S08 GREENVILLE 27858 CASE WESTERN RES	FOP /NA AC 62 62 78 919 551-4655	JAFFURS, WILLIAM J., JR. PO BOX 610 GRIMESLAND 27837 GEO WASHINGTON U	EM AC 79 79 86 919 551-4757	KENNY, JEAN BRYCE FELTY ECU DEPT. OF PEDIATRICS GREENVILLE 27858 JOHNS HOPKINS	PD /ID AC 57 57 83 919 551-2511
HATCH, ALLAN BRAZIEL 127 AVERY ST. APT. #3 GREENVILLE 27834 EAST CAROLINA U	S 89 00 86	JAMES, ROBERT MITCHELL 2704 JEFFERSON DR. GREENVILLE 27834 EAST CAROLINA U	S 87 00 85 919 752-2254	KERR, COLIN PAUL ECU SCHOOL OF MEDICINE PO BOX 1846 GREENVILLE 27835 U OF PENN	FP /LM AC 77 77 87 919 551-4611
HAVEN, ANDREW EDDY 2245 STANTONSBURG RD., STE.H GREENVILLE 27834 U OF NC	OBG AC 78 80 83 919 782-1273	JANOSKO, EDWARD ORESTES, II 224 KING GEORGE ROAD GREENVILLE 27834 YALE	U /N/A AC 74 75 80 919 752-5077	KINARD, JAMES DONALD 33 WEST HILLS TOWNHOMES GREENVILLE 27834 EAST CAROLINA U	S 88 00 85 919 852-6384

74. PITT COMPONENT SOCIETY (Continued)

KNOTT, RUFUS HENRY, II 100 WILLIAMSBURG DRIVE GREENVILLE 27834 U OF NC	OTO /A AC 64 64 72 919 752-5227	LEVINE, GARY IRA BOX 1846 GREENVILLE 27834 WAYNE STATE U	FP AC 76 77 81 919 551-4611	MCCONNELL, ROBERT WILLIAM 1711 W. SIXTH STREET GREENVILLE 27834 MED COLL OF VA	R /NM AC 59 59 69 919 752-5000
KNUPP, CHARLES LEONARD ECU SCHOOL OF MEDICINE DEPT. OF MEDICINE GREENVILLE 27834 U OF MARYLAND	HEM /IM AC 76 77 84 919 551-2560	LEWIS, LARRY STEWART DEPT. OF SURGERY ECU SCHOOL OF MEDICINE GREENVILLE 27834 WAYNE STATE U	GS AC 77 80 83 919 551-4629	MCDONALD, PENELOPE JANE P-3 DOCTOR'S PARK APTS. GREENVILLE 27834 EAST CAROLINA U	S 89 00 85 919 752-7557
KODROFF, MICHAEL BARRY ECU DEPT. OF RADIOLOGY GREENVILLE 27834 JEFFERSON	PDR /NM AC 67 67 85 919 551-4972	LICHSTEIN, PETER RIBACK ECU DEPT. OF MEDICINE GREENVILLE 27834 U OF MICHIGAN	IM AC 76 78 82 919 551-4633	MCGILLICUDDY, DENIS MICHAEL 117 MEDICAL DRIVE GREENVILLE 27834 U OF MICHIGAN	ORS AC 75 77 81 919 758-1777
KOONTZ, JACK ALEXANDER E. I. DUPONT DENEMOURS CO. P. O. BOX 800 KINSTON 28501 U OF NC	OM AC 64 64 69 919 522-6100	LJUNG, TOR MARTIN PO BOX 788 WINTERVILLE 28590 EAST CAROLINA U	S 90 00 86 919 355-6674	MCLEAN, HARRY H., III ECU STUDENT HEALTH SERVICE GREENVILLE 27834 WASHINGTON U	FP /EM AC 53 53 54 919 551-6841
KOPELMAN, ARTHUR ECU SCHOOL OF MEDICINE GREENVILLE 27834 U OF ROCHESTER	NPM AC 63 63 79 919 551-4787	LONDON, DEBORAH LOUISE 508 CIRCLE DR. GREENVILLE 27834 EAST CAROLINA U	S 90 00 86 919 752-0109	MEECE, JEANNINE MARIE 1800 W. FIFTH ST., STE. #8 GREENVILLE 27834 U OF SOU FLORIDA	PD AC 81 82 86 919 758-1750
KURTZ, KEVIN JOHN 2903-D CEDAR CREEK DR. GREENVILLE 27834 EAST CAROLINA U	S 90 00 86 919 551-1653	LONGINO, FRANK HENRY 1914 FOREST HILL DR. GREENVILLE 27834 DUKE	GS /TS RT 47 51 56 919 758-1747	MEGA, LESLY TAMARIN ECU, DEPT. OF PSYCHIATRY GREENVILLE 27858 BOSTON U	CHP /P AC 68 70 83 919 551-2673
KUSHNICK, THEODORE ECU SCHOOL OF MEDICINE GREENVILLE 27834 HARVARD	PD AC 51 53 80 919 551-2529	MACDONALD, MARK EDWARD 107 DUPONT CIRCLE GREENVILLE 27858 EAST CAROLINA U	S 89 00 85 919 756-6502	MELTON, BARRY CLINE 1095-K CHEYENNE COURT GREENVILLE 27834 EAST CAROLINA U	S 88 00 85 919 756-2917
LA VIGNE, MARK KINO DOCTOR'S PARK APTS J-2 GREENVILLE 27834 EAST CAROLINA U	S 90 00 86 919 758-1822	MACKENNA, JARLATH ECU, DEPT. OF OBG GREENVILLE 27834 NAT U OF IRELAND	OBG /NPM AC 69 73 79 919 551-4693	MERRILL, RICHARD HOSMER ECU SCHOOL OF MEDICINE GREENVILLE 27834 BOSTON U	NEP /IM AC 66 67 80 919 551-2545
LANE, CHARLES JENKINS 2905-H CEDAR CREEK RD. GREENVILLE 27834 EAST CAROLINA U	S 89 00 85 919 758-2884	MADAKASIRA, SUDHAKAR ECU, DEPT. OF PSYCHIATRY GREENVILLE 27858 S V MEDICAL COLL	P AC 75 75 82 919 551-2663	METZGER, W. JAMES ECU, DEPT. OF MEDICINE GREENVILLE 27834 NORTHWESTERN U	IM /AI AC 71 71 85 919 551-2562
LANNIN, DONALD ROWE ECU, DEPT. OF SURGERY GREENVILLE 27858 U OF MINN	GS AC 74 76 83 919 551-9931	MAHAFFEY, WILLIAM M. E-8 DOCTORS PARK APTS. GREENVILLE 27834 EAST CAROLINA U	S 90 00 86 919 758-6102	MEWBORN, QUENTIN ALEXANDER, JR P. O. BOX 1966 GREENVILLE 27834 U OF NC	FP AC 69 69 73 919 752-7133
LARKIN, ERNEST WADDILL, III ECU SCH. OF MED. BRODY 1F79 GREENVILLE 27834 MED COLL OF VA	PTH AC 70 71 78 919 551-4495	MALLETT, JULIUS Q. ECU DEPT. OF OB-GYN GREENVILLE 27835 EAST CAROLINA U	OBG AC 82 83 87 919 551-4983	MILLER, DAVID T. PITT CO. MEMORIAL HOSPITAL DEPT. OF CLINICAL PATHOLOGY GREENVILLE 27834 BOWMAN GRAY	CLP AC 75 75 87 919 551-9020
LARSON, RICHARD MARTIN 10 DOCTORS PARK STANTONSBURG ROAD GREENVILLE 27834 DUKE	GS /CDS AC 74 76 82 919 758-1747	MARCUARD, STEFANO P. ECU, DEPT. OF MEDICINE GREENVILLE 27834 U OF ZURICH	GE /IM AC 77 79 84 919 551-4652	MINARD, RAYMOND BRUCE 322 DUPONT CIRCLE GREENVILLE 27834 EAST CAROLINA U	AN AC 81 84 78 919 756-9168
LAUPUS, WILLIAM EDWARD ECU SCH. OF MED. DEAN'S OFF. GREENVILLE 27834 YALE	PD /PNP AC 45 45 76 919 551-2201	MARKELLO, JAMES ROSS ECU SCHOOL OF MEDICINE GREENVILLE NC 27834 ST U OF NY-BUFF	PD AC 61 62 78 919 551-2539	MINTEER, WILLIAM JEFFREY #8 PALMETTO PLACE GREENVILLE 27858 U OF PENN	CD /IM AC 78 81 84 919 752-6101
LEE, MARTHA HOPE APT R-7, DOCTORS PARK GREENVILLE 27834 EAST CAROLINA U	S 90 00 86 919 578-3190	MARROW, HENRY GREGORY ECU SCH. OF MEDICINE CLINICAL PATH. BRODY 1508 GREENVILLE 27834 DUKE	PTH AC 78 80 83 919 551-4495	MITCHELL, CHARLES K., JR. 1400 HOOKER RD., APT. E GREENVILLE 27834 EAST CAROLINA U	S 90 00 86 919 756-9098
LEE, MITCHELL D. 611 E. 11TH ST., APT. E GREENVILLE 27858 EAST CAROLINA U	S 90 00 86 919 551-0532	MASIUS, WILLIAM GLENN 1801 GREENVILLE BLVD. APT. 19 GREENVILLE 27858 EAST CAROLINA U	S 90 00 86 919 752-5867	MITCHELL, JOYCE MARIE RT. #1, BOX 416E BETHEL 27812 GEORGETOWN U	EM /IM AC 76 79 82 919 551-4757
LENNON, BARBARA M. 44 COLINDALE COURT GREENVILLE 27858 EAST CAROLINA U	S 89 00 85 919 756-2646	MASSAGEE, JAMES TERRILL PHYSICIANS QUADRANGLE, BLDG. 7 GREENVILLE 27834 U OF NC	AN AC 7 82 83 86 919 752-2140	MONROE, CHARLES T. 1825 W. SIXTH ST. GREENVILLE 27834 U OF NC	PD /PH AC 80 81 87 919 752-4141
LENNON, YATES ALTON 44 COLINDALE COURT GREENVILLE 27834 EAST CAROLINA U	S 89 00 85 919 648-4158	MASSENGILL, SUSAN FOSTER 2405-1 HORTON BLVD. WILSON 27893 EAST CAROLINA U	S 87 87 86 919 291-6550	MONROE, EDWIN WALL ECU SCHOOL OF MEDICINE GREENVILLE 27834 U OF PENN	IM AC 51 51 57 919 551-4606
LEONARD, JOHN RICHARD, III 125 MOYE BOULEVARD GREENVILLE 27834 U OF NC	NS AC 70 70 76 919 752-5156	MATHIS, JAMES LARRY ECU, DEPT. OF PSYCHIATRY GREENVILLE 27858 ST LOUIS U	P AC 49 49 77 919 551-2660	MONROE, WILLIAM MURCHISON DOCTORS PK, STE. I STANTONSBURG ROAD GREENVILLE 27834 U OF NC	OPH AC 64 64 70 919 758-4166
LEONARD, MARILYN JEAN #18 GLENWOOD APTS. GREENVILLE 27858 EAST CAROLINA U	S 89 00 85 919 758-0713	MAY, ALFRED T., III 25-G COURTNEY SQUARE GREENVILLE 27858 EAST CAROLINA U	S 90 00 86 919 355-5287	MONTGOMERY, EMMETT FULCHER 804 FORBES ST. GREENVILLE 27834 EAST CAROLINA U	S 89 00 86 919 752-1490
LEONHARDT, GARY GENE 304 S. JARVIS ST. GREENVILLE 27834 EAST CAROLINA U	S 89 00 85 919 758-0978	MAYO, KATHY DIANE T-5 DOCTORS PARK APTS. GREENVILLE 27834 EAST CAROLINA U	S 90 00 86 919 752-2656	MOORE, BARRY ALLEN 600 MEDICAL DRIVE GREENVILLE 27834 U OF KANSAS	P AC 70 70 79 919 758-6080

74. PITT COMPONENT SOCIETY (Continued)

MOORE, CAROL ANN	S		PATEL, VIJESH K.	S	RAND, CECIL HOLMES, JR.	IM /PUD AC
110 S. CONTENTNEA ST., APT. C	88 00 85		109 STEWARD LANE	90 00 86	1800 W. FIFTH STREET	61 61 69
FARMVILLE 27828			GREENVILLE 27834		GREENVILLE 27834	
EAST CAROLINA U	919 753-2015		EAST CAROLINA U	919 756-8948	U OF NC	919 752-3185
MOVAHED, ASSAD	CD AC		PATRONE, NICHOLAS ANGELO	RHU /IM AC	RAWL, RICHARD PRESTON	FP AC
SECTION OF CARDIOLOGY	75 75 87		ECU DEPT. OF MED. & PED.	76 76 77	P. O. BOX 339	78 80 82
ECU SCHOOL OF MEDICINE			GREENVILLE 27834		BETHEL 27812	
GREENVILLE 27858			LOYOLA U	919 551-2533	BOWMAN GRAY	919 825-0355
AHWAZ MED SCH	919 551-4651		PATTERSON, F. M. SIMMONS	GS L/RT	RAY, V. GAIL	EM AC
MURAD, JOSEPH LOUIS	OBG AC		4503 MORGAN LANE	39 39 47	DEPT. OF EMERGENCY MED.	77 77 86
1730 W. FIFTH STREET, EXT.	57 57 66		NEW BERN 28560		ECU SCHOOL OF MEDICINE	
GREENVILLE 27834			U OF PENN	919 633-3492	GREENVILLE 27834	
U OF NC	919 758-4855		PATTERSON, THOMAS HENRY, JR.	FP AC	U OF ARKANSAS	919 551-4757
NASHOLD, JAMES REUBEN BLACKBURN	S		701 N. MAIN STREET	54 55 58	RECKER, SCOTT F.	PM AC
210 N. EASTERN ST.	87 00 86		FARMVILLE 27828		PO BOX 6028	80 81 87
GREENVILLE 27834			U OF NC	919 753-3193	REGIONAL REHABILITATION CTR.	
EAST CAROLINA U	919 758-1793		PATTON, DENZIL D.	FP AC	GREENVILLE 27834	
NELSON, PHILIP GROESBECK	P L		ECU SCHOOL OF MED.	72 72 87	HAHNEMANN	919 551-4440
MEDICAL PAVILION, SUITE #9	54 57 59		PO BOX 1846		REEVES, WM. CHARLES	CD AC
GREENVILLE 27834			GREENVILLE 27835		ECU SCHOOL OF MEDICINE	71 71 87
U OF LOUVAIN	919 758-3145		WEST VA U	919 551-4614	SECTION OF CARDIOLOGY	
NEWMAN, WALTER JOSEPH	NEP AC		PEARCE, RICHARD EDWARD	S	GREENVILLE 27858	
6 DOCTOR'S PARK	75 78 82		202-B LINDBETH DR.	88 00 85	U OF TEXAS	919 757-4651
GREENVILLE 27834			GREENVILLE 27834		ROBB, JEFFREY WALLACE	AN AC
DUKE	919 752-8880		EAST CAROLINA U	919 756-8447	PHYSICIANS QUADRANGLE	80 80 86
NEWTON, DOUGLAS FRISBIE	GE /IM AC		PEDEN, JAMES GWYN, JR.	IM /P AC	PITT CO. ANESTHESIA	
1705 W. SIXTH STREET	68 72 75		DEPT. OF MEDICINE	79 80 84	GREENVILLE 27834	
GREENVILLE 27834			ECU SCHOOL OF MEDICINE		WAYNE STATE U	919 752-2140
SYRACUSE	919 752-6101		GREENVILLE 27834		ROSE, JOHN DAVID	CD /IM AC
WIFONG, LESLIE WILEY	S		U OF NC	919 551-4633	1800 W. 5TH ST., #2	72 73 78
310 HIDDEN BRANCHES CLOSE	90 00 86		PHIPPS, ERVIN LAMAR	S	GREENVILLE 27834	
WINTERVILLE 28590			1500 WILLOW ST. APT. #3	89 00 85	U OF PENN	919 752-3185
EAST CAROLINA U	919 355-7477		GREENVILLE 27834		ROUNDS, JOHN CARSON	S
MORRIS, H. THOMAS	PTH AC		EAST CAROLINA U	919 551-3379	104 CHESTERFIELD CT., #26	88 00 85
PITT COUNTY MEM. HOSPITAL	59 60 83		PIPPIN, RICHARD LEE	IM AC	GREENVILLE 27834	
GREENVILLE 27834			201 N. MAIN ST.	83 00 80	EAST CAROLINA U	919 355-7427
U OF SOU CALIF	919 551-4951		FARMVILLE 27828		RUCKER, WILLIAM L.	GS AC
MUTT, SUZANNE HAMILTON	S		EAST CAROLINA U	919 756-9569	10 DOCTOR'S PARK	80 81 83
717 SNOW HILL ST.	89 00 85		PORIES, WALTER JULIUS	GS /TS AC	GREENVILLE 27834	
AYDEN 28513			203 CHOWAN ROAD	55 56 78	MED U OF SC	919 758-1747
EAST CAROLINA U	919 746-4695		GREENVILLE 27834		RUMLEY, RICHARD LEE	IM /ID AC
O'BRIEN, THOMAS FRANCIS, JR.	GE /IM AC		U OF ROCHESTER	919 551-4629	DEPT. OF MEDICINE	78 79 84
ECU SCHOOL OF MEDICINE	57 61 61		POWERS, BARRY	DR AC	ECU SCHOOL OF MEDICINE	
GREENVILLE 27834			306 STANWOOD DRIVE	75 77 81	GREENVILLE 27834	
YALE	919 551-4652		GREENVILLE 27834		U OF NC	919 551-2550
O'NEAL, EVA MANN	S		NEW YORK MED COL	919 752-5000	SALDANHA, RITA LOUIS	NPM /PD AC
1924 WHITE HOLLOW DR.	90 00 86		PRICE, BILLY LEE, JR.	S	213 WOODHAVEN ROAD	73 73 82
GREENVILLE 27858			C-6 SHERATON VILLAGE	90 00 86	GREENVILLE 27834	
EAST CAROLINA U	919 756-9049		GREENVILLE 27834		B J MED COLLEGE	919 551-4684
JARR, LYNN HUIE, JR.	CD /IM AC		EAST CAROLINA U	919 756-5425	SALLE, GEORGE FREDERIC	U L
ECU DEPT. OF MEDICINE	74 70 80		PRIVETTE, DOUGLAS CRAIG	CD /IM AC	1703 W. SIXTH STREET	33 33 46
GREENVILLE 27834			222 KING GEORGE ROAD	76 76 82	GREENVILLE 27834	
BOWMAN GRAY	919 551-4651		GREENVILLE 27834		MED COLL OF VA	919 752-2507
OSTMAN, DAVID LEE	OBG AC		U OF NC	919 752-6101	SANCHEZ, RAFAEL CAMILO	FP /ADL AC
DOCTOR'S PK., BLDG 5	82 83 86		PULKINGHAM, NATHAN CARR	S	P. O. BOX 1846	50 50 85
GREENVILLE 27834			28 LEXINGTON SQ. APTS	88 00 85	GREENVILLE 27835	
WAYNE STATE U	919 758-5246		GREENVILLE 27834		LA STATE U	919 551-2608
APPAS, PAMELA ANNE	P AC		EAST CAROLINA U	919 756-4752	SATTERFIELD, G. HOWARD, JR.	OBG AC
DEPT. OF PSY.	79 83 85		PURCELL, PETER NELSON	S	DOCTOR'S PARK, BUILDING #5	57 57 63
ECU SCH. OF MEDICINE			APT. Q-2, DOCTORS PARK	88 00 84	GREENVILLE 27834	
GREENVILLE 27858			GREENVILLE 27834		DUKE	919 758-5246
BOWMAN GRAY	919 551-2404		EAST CAROLINA U	919 551-3023	SCARANTINO, CHARLES WALTER	TR AC
ARK, H. KIM	PTH AC		PURCELL, VALERIE D.	S	RADIATION ONCOLOGY CTR.	73 74 82
ECU, DEPT. OF CLINICAL PATH.	69 75 77		I-11 DOCTORS PARK APTS.	88 00 85	ECU SCHOOL OF MEDICINE	
GREENVILLE 27834			GREENVILLE 27834		GREENVILLE 27834	
EWHA WOMANS U	919 551-4495		EAST CAROLINA U	919 752-0581	BOWMAN GRAY	919 551-2900
ARKS, WILLIAM B., III	S		RAAB, MARY JERISTA	ON /HEM AC	SEHGAL, NARINDER NATH	OBG AC
205-B LINDBETH DR.	90 00 86		ECU SCHOOL OF MEDICINE	68 68 78	ECU DEPT. OF OB-GYN	54 61 85
GREENVILLE 27834			GREENVILLE 27834		GREENVILLE 27858	
EAST CAROLINA U	919 355-5744		MED COLL OF PENN	919 551-2383	M C OF AMRITSAR	919 551-4622
ARSONS, RICKEY	S		RAAB, SPENCER O.	ON /HEM AC	SEHGAL, PRAGNA NINA	FP AC
1612 OAKLAWN AVE.	89 00 85		ECU SCHOOL OF MEDICINE	54 57 78	ECU DEPT. OF FAMILY MED.	67 77 87
GREENVILLE 27834			GREENVILLE 27834		PO BOX 1846	
EAST CAROLINA U	919 756-5478		ST U OF NY-BUFF	919 551-2383	GREENVILLE 27835	
ATE, DORIS CATHERINE	S		RAKFAL, SUSAN MAFFEY	TR AC	GANDHI MED. COLL	919 551-2059
MEDICAL OAKS APTS. #C-2	91 00 86		ECU SCHOOL OF MED.	81 82 86	SEITTER, DELLMER B., III	S
GREENVILLE 27834			RADIATION ONCOLOGY CTR.		201 PINERIDGE DR.	90 00 86
EAST CAROLINA U	919 757-3513		GREENVILLE 27835		GREENVILLE 27834	
ATEL, JAYESH KANCHANLAL	S		RUTGERS MED SCH	919 551-2900	EAST CAROLINA U	919 551-3384
109 STEWARD LANE	87 00 85		RAMSDELL, CHARLES MICHAEL	RHU /IM AC	SESSOMS, RODNEY KEVIN	S
GREENVILLE 27834			1705 W. SIXTH STREET	65 65 76	1016-B WESTOVER DRIVE	88 00 85
EAST CAROLINA U	919 756-8948		GREENVILLE 27834		GREENVILLE 27834	
			LA STATE U	919 752-6101	EAST CAROLINA U	919 830-1453

74. PITT COMPONENT SOCIETY (Continued)

SHAPPLEY, BEN GORDON 1800 W. FIFTH STREET GREENVILLE 27834 U OF VIRGINIA	PD AC 66 66 74	STEWART, ANGELA GRACE 225 PEARL DRIVE GREENVILLE 27834 RUSH MED COLL	PD AC 80 81 84	TREVATHAN, G. EARL, JR. ECU, AMBULATORY PED. SECT. GREENVILLE 27834 U OF COLORADO	PD AC 51 54 54
SHAW, ROBERT ARNETT 1705 W. SIXTH STREET GREENVILLE 27834 DUKE	PUD /IM AC 76 77 82	STOCKS, ROSE MARY SUTTON 406-B S. HARDING ST. GREENVILLE 27834 EAST CAROLINA U	S 88 00 85	TROUGHT, WILLIAM STANLEY 19 BAYWOOD DRIVE WINTERVILLE 28590 TUFTS U	DR AC 68 69 75
SHUPING, JOHN ROSS 425 STANTONSBURG ROAD GREENVILLE 27834 BOWMAN GRAY	N AC 76 76 73	STRAUSBAUCH, PAUL HENRY 1717 MORNINGSIDE PLACE GREENVILLE 27834 U OF MIAMI	PTH AC 74 78 79	TUCKER, DONALD HUGH 1705 W. SIXTH STREET GREENVILLE 27834 DUKE	IM /CD AC 58 58 64
SILVERMAN, JAN FRANKLIN BRODY, 1F79, ECU SCH. OF MED GREENVILLE 27834 MED COLL OF VA	PTH AC 70 70 84	SUNDER, THEODORE RALPH ECU DEPT. OF PEDIATRICS GREENVILLE 27834 JEFFERSON	CHN /N AC 72 62 85	TURNER, ROBERT COY ECU, DEPT. OF MEDICINE GREENVILLE 27858 U OF ILLINOIS	IM AC 76 76 80
SIMMONS, EVERETT CASEY ECU, DEPT. OF PSYCHIATRY GREENVILLE 27858 U OF TENNESSEE	P AC 71 72 82	SUPIK, LAWRENCE FRANCIS 207 N. JARVIS ST. GREENVILLE 27834 EAST CAROLINA U	S 89 00 85	VAUGHN, RICHARD SIDNEY P. O. BOX 1966 GREENVILLE 27834 BOSTON U	FP AC 74 74 78
SINAR, DENNIS ROBERT ECU-DEPT. OF GE GREENVILLE 27834 OHIO STATE U	GE /IM AC 73 73 82	SWING, DONALD CRAVER, JR. 213 STAFFORDSHIRE DR. GREENVILLE 27834 EAST CAROLINA U	S 89 00 85	VERNON, MICHAEL STEPHEN PO BOX 1846 GREENVILLE 27834 BOWMAN GRAY	FP AC 79 81 84
SLATER, PATRICK W., II ROUTE #1, BOX 379 PRINCETON 27569 EAST CAROLINA U	S 90 00 86	TAFT, RICHARD CHESSON 101 BETHESDA DRIVE GREENVILLE 27834 U OF NC	OBG AC 72 72 77	VICK, JOHN BERNARD #10 DOCTOR'S PARK GREENVILLE 27834 BOWMAN GRAY	TS /GS AC 57 57 66
SMERASKI, PHILIP JOHN ECU SCH. MED-DEPT. OF PSY. BRODY 4E98 GREENVILLE 27858 MED COLL OF PENN	P AC 81 83 85	TAYLOR, ALLEN 1711 W. 6TH ST. GREENVILLE 27834 DUKE	R AC 47 52 54	VOLKMAN, ALVIN ECU, BRODY 7E, 124 GREENVILLE 27834 ST U OF NY-BUFF	IM AC 80 81 87
SMITH, CAMERON LANGLEY 1705 W. SIXTH STREET GREENVILLE 27834 U OF NC	D AC 71 71 78	TAYLOR, JERRY JURGEN 2402-B E. THIRD ST. GREENVILLE 27834 EAST CAROLINA U	S 89 00 85	WALERS, LEO EDWARD ECU SCHOOL OF MEDICINE DEPT. OF MEDICINE GREENVILLE 27834 MED SCH-UMDNJ	IM AC 80 81 87
SMITH, JAMES DAVID P-2 DOCTORS PARK GREENVILLE 27834 EAST CAROLINA U	S 90 00 86	TEACHEY, HERMAN MCKINLEY 404 LAUREL ST. GREENVILLE 27834 EAST CAROLINA U	S 89 00 85	WALKER, WILLIAM RAY 3109 GORDON DRIVE GREENVILLE NC 27858 MED COLL OF VA	P AC 68 68 77
SMITH, JAMES JEFCOAT 1903 BROOK ROAD GREENVILLE 27834 U OF TENNESSEE	GP RT 44 44 48	THIELE, RONALD LEWIS 503 QUEEN ANNE'S ROAD GREENVILLE 27858 WAYNE STATE U	PD /PH AC 48 49 73	WALSH, EMMETT JAMES, JR. 2 DOCTOR'S PARK GREENVILLE 27834 ST LOUIS U	U AC 60 60 68
SMITH, MICHAEL EARL ROUTE #2, BOX 93 WINTERVILLE 28590 EAST CAROLINA U	S 88 00 85	THOMAS, FRANCIS THORNTON ECU DEPT. OF SURGERY GREENVILLE 27834 U OF MINN	TS /GS AC 64 67 81	WARD, JOSEPH MAJOR 121 W. POWER STREET AYDEN 28513 DUKE	FP /GER AC 47 49 50
SOBOL, TODD LOWELL 919-A BOSCASTLE CT. COLUMBUS, OHIO 43214 EAST CAROLINA U	S 87 00 84	THOMAS, MILLARD BRADY, III 11-B STRATFORD ARMS GREENVILLE 27834 EAST CAROLINA U	S 88 00 85	WARSHAUER, ALBERT DAVID 1608 E. FIFTH STREET GREENVILLE 27858 WASHINGTON U	AN RT 47 47 59
SONG, JULIET KIM PHYSICIAN'S QUADRANGLE GREENVILLE 27834 EWAH WOMANS U	AN AC 65 65 72	THOMAS, ROGER EDMUND DEPT. OF FAMILY MEDICINE ECU SCHOOL OF MEDICINE GREENVILLE 27834 MCMMASTER U	FP AC 77 78 84	WAUGH, WILLIAM HOWARD ECU SCHOOL OF MEDICINE GREENVILLE 27834 TUFTS U	NEP /IM AC 48 48 72
SPENCER, GEORGE MICHAEL 3000 GOLDEN RD., CONDO #7 GREENVILLE 27834 EAST CAROLINA U	S 89 00 85	THOMAS, ROSEMARY ANN 2000 VENTURE TOWER DR. GREENVILLE 27834 U OF VIRGINIA	CD /IM AC 76 77 83	WEAVER, MICHAEL DAVID 1711 W. SIXTH STREET GREENVILLE 27834 U OF TENNESSEE	DR AC 71 71 76
SPICER, SAMUEL SHERMAN EMERGENCY DEPT. NEW HANOVER MEM. HOSPITAL WILMINGTON 28401 UNIV. OF S.C.	EM /FP AC 39 77 82	TIMMONS, PHILLIP ZACHARY 2402-B E. THIRD ST. GREENVILLE 27834 EAST CAROLINA U	S 89 00 85	WEBB, DUANE DAVID 300 CLUB PINES DR. GREENVILLE 27834 U OF NY-ST BROOK	IM /GE AC 74 75 85
STANLEY, FRANKIE EDWARD 2410-B E. THIRD ST. GREENVILLE 27834 EAST CAROLINA U	S 89 00 85	TIMMONS, ROBERT LANSING 125 MOYE BOULEVARD GREENVILLE 27834 HARVARD	NS AC 53 58 59	WEISNER, LARRY FELIX #12 COUNTRY MANOR APTS. GREENVILLE 27834 EAST CAROLINA U	S 88 00 84
STARLING, SUZANNE P. RT. 14, BOX 47-A GREENVILLE 27834 EAST CAROLINA U	S 90 00 86	TINGELSTAD, JON BUNDE ECU, DEPT. OF PEDIATRICS GREENVILLE 27834 HARVARD	PD /PDC AC 60 61 76	WELCH, JACK H. PHYSICIANS QUADRANGLE GREENVILLE 27834 U OF NC	AN AC 63 63 70
STEEL, JOHN GRIFFITH 425 STANTONSBURG ROAD GREENVILLE 27834 U OF NC	N AC 77 79 85	TOLSON, TIMOTHY ALEXANDER 200 W. 8TH ST., APT. 5-D GREENVILLE 27858 EAST CAROLINA U	S 90 00 86	WEN, DENNIS Y. DOCTORS PARK APTS. L-13 GREENVILLE 27834 EAST CAROLINA U	S 90 00 86
STEVENS, JAMES ROMER 3100 S. MANCHESTER #321 FALLS CHURCH, VA 22044 EAST CAROLINA U	S 87 00 85	TRANT, CHARLES AMON, JR. 106 SCALES PL., A-8 GREENVILLE 27834 EAST CAROLINA U	S 89 00 85	WEST, ROBERT LEE ECU SCHOOL OF MEDICINE GREENVILLE 27834 U OF NC	PTH AC 59 59 67
		TREADWELL, EDWARD LOUIS ECU, DEPT. OF MEDICINE GREENVILLE 27834 DUKE	RHU /IM AC 75 76 83	WHITE, RANDAL EARL 407 CEDARHURST RD. GREENVILLE 27834 WEST VA U	RHU AC 80 80 87

74. PITT COMPONENT SOCIETY (Continued)

WHITE, STEVEN MERLE 301 BOWMAN GRAY DR. GREENVILLE 27834 MED U OF SC	OPH AC 59 63 68 919 758-5800	WILLIAMS, MARTIN KEITH F-6 DOCTORS PARK APTS. GREENVILLE 27834 EAST CAROLINA U	S 89 00 85 919 752-8619	WOOTEN, JOHN LEMUEL 6 MEDICAL PAVILION GREENVILLE 27834 DUKE	ORS AC 47 54 55 919 752-4613
WICKER, JOSEPH BEAMAN PHYSICIANS QUAD., BLDG. F GREENVILLE 27834 U OF TENNESSEE	AN AC 78 81 84 919 752-2140	WILLIAMS, RANDOLPH MEADE 117 MEDICAL DRIVE GREENVILLE 27834 U OF VIRGINIA	ORS AC 71 71 79 919 758-1777	WOOTEN, STEPHEN LAMONT #6 MEDICAL PAVILION GREENVILLE 27834 DUKE	AC 81 00 80 919 752-4613
MIGGS, WILLIAM J., JR. 201 PINERIDGE DR. GREENVILLE 27834 EAST CAROLINA U	S 90 00 86 919 752-7133	WILLIAMSON, JOSEPH EDWARD PITT MEMORIAL HOSPITAL GREENVILLE 27834 U OF NC	EM /FP AC 73 73 77 919 753-2628	WRIGHT, DEBRA J. ECU SCHOOL OF MEDICINE DEPT. OF OB-GYN GREENVILLE 27834 U OF NEBRASKA	OBG AC 81 81 87 919 757-4191
WILHELMSSEN, BRUCE 117 MEDICAL DRIVE GREENVILLE 27834 DUKE	ORS AC 79 79 85 919 758-1777	WILLIS, STEPHEN EDGAR 1748 BEAUMONT DR. GREENVILLE 27834 U OF VIRGINIA	FP AC 81 82 84 919 551-4611	YONGUE, ALFRED HARRIS MEDICAL PAVILION, SUITE #9 GREENVILLE 27834 DUKE	P AC 59 59 66 919 758-3145
WILKERSON, JACK WINFIELD P. O. BOX 1966 GREENVILLE 27834 MCGILL U	FP AC 53 53 56 919 752-7133	WILLSON, CHARLES FREDERICK 1800 W. FIFTH ST. GREENVILLE 27834 U OF VIRGINIA	PD AC 74 76 81 919 752-7141	YONGUE, JUDITH S. 107-C COMMERCE ST. GREENVILLE 27834 U OF NC	P /FP AC 62 59 78 919 355-2768
VILLE, CARL RICHARD DOCTOR'S PK. BLDG. 1 GREENVILLE N C 27834 U OF ROCHESTER	OPH AC 68 69 75 919 758-4166	WIMMER, JOHN EASTER, JR. ECU SCHOOL OF MEDICINE GREENVILLE 27834 MED COLL OF VA	NPM AC 71 74 82 919 551-4787	YOUNG, CHARLES RICHARD 102 DAVID DR., F-2 GREENVILLE 27834 EAST CAROLINA U	S 89 00 85 919 752-2918
VILLIAMS, JOHN MARK ECU SCHOOL OF MED. DEPT. OF SURGERY GREENVILLE 27858 DUKE	CDS AC 76 85 86 919 551-4822	WINSTEAD, JOHN LINDSAY, JR. SUITE #1, MEDICAL PAVILION 1800 W. FIFTH ST. GREENVILLE 27834 U OF NC	GS AC 58 58 67 919 752-2159	YOUNG, GARRET PINKNEY 711 WASHINGTON AVE. AYDEN 28513 EAST CAROLINA U	S 89 00 85 919 830-1915

75. POLK COMPONENT SOCIETY

OFFICERS—President: Thomas Perraut, M.D., 212 Hospital Dr., Columbus 28722 (704 894-3037)

Secretary: Robert H. Dowdeswell, M.D., St. Luke's Hospital, Columbus 28722 (704 697-6781)

LOMELEY, CHARLES PERRY PO BOX 608 COLUMBUS 28722 HOWARD U	FP AC 65 66 67 704 894-8213	JAYNES, GRACE S. PO BOX 1095 FAIRFIELD, TX 75840 MED COLL OF PENN	GP L/RT 30 30 49 214 389-5662	ROZEMA, THEODORE CARL 220 HUNTING COUNTRY ROAD TRYON 28782 NORTHWESTERN U	GPM AC 60 61 84 803 457-4141
OLLING, THOMAS VANCE 208 HOSPITAL DR. COLUMBUS 28722 LOMA LINDA U	GS AC 74 75 86 704 894-3566	PAGTER, AMOS TOWNSEND, JR. 107 WILDERNESS ROAD TRYON 28782 DUKE	IM AC 55 61 61 704 859-6697	WOODY, JOHN W. AUSTIN 900 LYNN ROAD TRYON 28782 U OF PENN	FP L/RT 37 39 40 704 859-9483
OYER, GEORGE NORMAN 913 CAROLINA DRIVE TRYON 28782 BOWMAN GRAY	P AC 46 46 50 704 433-2503	PALMER, ROBERT MARION P. O. BOX 1159 TRYON 28782 MED U OF SC	FP AC 55 56 56 704 894-3306	YURKO, ANTHONY ANDREW ROUTE #1, BOX 440 TRYON 28782 MED COLL OF VA	GS RT 33 34 72 704 859-5133
AYS, NATASHA THOMASOVNA ROUTE #3, BOX 315 BB FOREST CITY 28043 U OF MINN	PD AC 81 84 85 704 894-3303	PERRAUT, THOMAS CHRISTOPHER 212 HOSPITAL DRIVE COLUMBUS 28722 U OF LOUISVILLE	OPH AC 78 79 84 704 894-3037		

76. RANDOLPH COMPONENT SOCIETY

OFFICERS—President: Robert B. Scott, M.D., 132-A W. Miller St., Asheboro 27203 (919 625-1360)

Secretary: G. S. Walha, M.D., 542 White Oak St., Asheboro 27203 (919 629-4171)

OAMS, HARVEY 230 FOUST STREET ASHEBORO 27203 U OF NC	GYN AC 55 55 62 919 625-6128	CAMERON, JOHN DARROCH 132-A W. MILLER ST. ASHEBORO 27203 U OF NC	FP AC 79 80 85 919 625-1360	FITZPATRICK, JOHN FRANCIS RANDOLPH PATHOLOGY P. O. BOX 1948 ASHEBORO 27203 HAHNEMANN	PTH /IM RT 43 64 64 919 629-3282
NSWORTH, KERRY H. 1800 BACK CREEK CT. ASHEBORO 27203 NORTHWESTERN U	OBG AC 62 62 87 919 626-2184	CANNON, EUGENE BOLIVIA 366 LEXINGTON ROAD ASHEBORO 27203 VANDERBILT U	PD L/RT 37 37 41 919 625-2460	GLASCO, THOMAS ROBERT 114 N. FAYETTEVILLE STREET LIBERTY 27298 U OF VIRGINIA	GP AC 58 67 68 919 622-2277
ETTS, CHARLES SAMUEL 220-A FOUST STREET ASHEBORO 27203 U OF VIRGINIA	IM AC 67 67 73 919 629-7710	DALTON, BENNIE BOOKER 606 WAYNICK, BOX 8101 WRIGHTSVILLE BEACH 28480 DUKE	GP L/RT 32 33 35 919 256-5956	Gobel, WILLIAM KENNETH P. O. BOX 1886 ASHEBORO 27203 BOWMAN GRAY	FP AC 52 52 54 919 672-0090
JRNETTE, HOWARD OLSEN 108 N. COBLE STREET RANDLEMAN 27317 MED COLL OF VA	GP RT 47 48 49 919 498-2500	DAVIS, GEORGE THOMAS 230 FOUST STREET ASHEBORO 27203 U OF NC	OBG AC 62 62 66 919 625-6128	GRAHAM, FREDERICK WILLIAM, JR. 375 SUNSET AVE. ASHEBORO 27203 DUKE	FP AC 55 56 59 919 625-4215
JTLER, ROBERT HOYT 132 W. MILLER STREET ASHEBORO 27203 BOWMAN GRAY	GE AC 73 83 83 919 625-3218	DHATT, MALKIAT SINGH P. O. BOX 2028 ASHEBORO 27203 M C OF AMRITSAR	CD /IM AC 68 74 79 919 629-4176	GRIFFIN, MARION WILSON 205 E. ACADEMY ST. ASHEBORO 27203 U OF NC	GS /TS AC 62 62 69 919 625-6188
BERWAL, DALJIT SINGH P. O. BOX 1509 ASHEBORO 27203 WILRATAN COLL	U AC 70 68 77 919 625-3997	EDMONDSON, FRANK, JR. P. O. BOX 2628 ASHEBORO 27203 TEMPLE U	FP L/RT 37 37 39 919 625-3230		

76. RANDOLPH COMPONENT SOCIETY (Continued)

GROSECLOSE, JAMES DAVID 124 COMMERCE SQUARE RANDLEMAN 27317 U OF NC	GP AC 55 55 56 919 498-2505	KLOSTERMYER, BROOKS VAN SLYKE 113 CEDAR CREEK DR. ASHEBORO 27203 HAHNEMANN	DR AC 54 59 81 919 629-0774	SINGH, RANBIR 542 WHITE OAK STREET ASHEBORO 27203 M C OF PUNJAB U	ORS AC 63 76 79 919 629-4171
HAAS, EDWARD DECKER, JR. 208 FOUST ST. P. O. BOX 2839 ASHEBORO 27203 U OF VIRGINIA	IM /CD AC 68 68 85 919 625-4020	LIMBER, GERALD KECK 1867 BACKCREEK COURT ASHEBORO 27203 U OF PITTSBURGH	PTH AC 67 63 80 919 625-5151	STOUT, CHARLES WALTER 1533 N. FAYETTEVILLE STREET ASHEBORO 27203 U OF NC	FP AC 58 58 62 919 672-0415
HANSFAL, PRITHVI PAL SINGH 171 MCARTHUR STREET P. O. BOX 1509 ASHEBORO 27203 SAROJNI NAIDU U	U AC 65 77 81 919 625-3997	LURIA, ALAN STUART 220 FOUST ST. ASHEBORO 27204 GEO WASHINGTON U	OPH AC 73 81 87 919 629-1451	TEAGUE, RANDALL SCOTT 837 OAKMONT DRIVE ASHEBORO 27203 BOWMAN GRAY	DR /EM AC 74 74 84 919 625-5151
HENDRICKS, WILLIAM MONROE 407 S. COX ST. ASHEBORO 27203 MED COLL OF VA	D /A AC 74 77 79 919 625-8410	OWEN, CHARLES FLETCHER, JR. P. O. BOX 146 ASHEBORO 27203 U OF PENN	R L 37 37 40 919 625-5151	THORNTON, WILLIAM COOPER, JR. 132 W. MILLER STREET ASHEBORO 27203 MED U OF SC	IM AC 71 72 77 919 625-3218
JAMISON, EDGAR LAMONT 1243 IDLEWOOD RD. ASHEBORO 27203 U OF PITTSBURGH	OPH /OTO L/RT 33 34 64 919 625-6315	QUERY, LUKE WALTER, JR. 132 W. MILLER STREET ASHEBORO 27203 MED COLL OF VA	IM L/RT 41 41 49 919 625-3218	WALHA, GURMUKH SINGH 542 WHITE OAK STREET ASHEBORO 27203 M C OF AMRITSAR	ORS /HS AC 68 73 81 919 629-4171
JOYNER, GEORGE WILLIAM 375 LEXINGTON ROAD ASHEBORO 27203 DUKE	GS L/RT 32 37 38 919 625-6465	SCOTT, ROBERT BAIRD 132-A W. MILLER STREET ASHEBORO 27203 EASTERN VA	FP AC 79 81 84 919 625-1360	WILLIFORD, ROBERT EARL 208 FOUST STREET ASHEBORO 27203 EMORY U	FP AC 55 55 59 919 625-4000
KINLAW, JAMES BRADY, JR. 132-A W. MILLER STREET ASHEBORO 27203 U OF VIRGINIA	FP AC 74 75 78 919 625-1360	SHACKELFORD, ERNEST D., JR. P. O. BOX 427 ASHEBORO 27204 MED COLL OF VA	DR /NM AC 52 53 55 919 629-0774	ZYLANOFF, PHILLIPA LOUISE 523 UWHARRIE ST. ASHEBORO 27204 MED COLL OF PENN	AN AC 72 73 87 919 625-5151
		SIMPSON, JOHN LARRY 132-A W. MILLER STREET ASHEBORO 27203 BOWMAN GRAY	FP AC 73 73 73 919 625-1360		

77. RICHMOND COMPONENT SOCIETY

OFFICERS—President: Masoud Ahdieh, M.D., 302 Hylan Ave., Hamlet 28345 (919 997-7180)

Secretary: Charles D. Collins, M.D., 1431 Cumberland Circle, Rockingham 28379 (919 895-6301)

AHDIEH, MASOUD 302 HYLAN AVENUE HAMLET 28345 TABRIZ U	PD AC 72 80 80 919 997-7180	HALL, DANIEL CRAWFORD 809 LONG DRIVE ROCKINGHAM 28379 BOWMAN GRAY	FP AC 76 76 80 919 895-9075	ROSS, THOMAS EDGAR P. O. BOX 1827 ROCKINGHAM 28379 U OF TENNESSEE	FP AC 59 60 61 919 895-5253
ASKARY, NASSER AGHA PO BOX 1715 ROCKINGHAM 28379 AHWAZ MED SCH	OBG /END AC 66 73 74 919 997-3151	HENNIGAN, MICHAEL ARTHUR 53 MAIN ST. HAMLET 28345 U OF SOUT ALA	IM AC 82 83 86 919 582-0004	SCOTT, LEGRAND THURMAN, JR. 1102 CAROLINA DRIVE ROCKINGHAM 28379 MED U OF SC	FP AC 63 67 67 919 895-9901
CLONINGER, GILES LATHERN, JR. 115 MAIN STREET HAMLET 28345 BOWMAN GRAY	FP AC 54 54 58 919 582-1319	HOWELL, EDGAR VASTON, JR. 400 E. WASHINGTON ST. PO BOX 1148 ROCKINGHAM 28379 MED COLL OF GA	ORS AC 56 56 82 919 997-4570	STEVENSON, JOHN SAMUEL 926 BIGGS BOULEVARD ROCKINGHAM 28379 BOWMAN GRAY	R /NM AC 67 67 74 919 997-2595
COLLINS, CHARLES DAVID PO BOX 1385 ROCKINGHAM 28379 U OF NC	GS AC 74 76 84 919 895-6301	KHOSHNEVIS, PARVIZ PO BOX 1715 ROCKINGHAM 28379 U OF SHIRAZ	OBG AC 66 73 84 919 997-3151	TRAPASSO, ROBERT LOUIS P. O. BOX 1928 ROCKINGHAM 28379 SYRACUSE	PTH AC 76 78 80 919 997-2561
EL-DROUBI, HAZEM 1219 ROCKINGHAM ROAD ROCKINGHAM 28379 EIN SHAMS U	U AC 69 77 79 919 997-5054	MCQUEEN, FRED DOUGLAS, JR. P. O. DRAWER 1257 HAMLET 28345 HOWARD U	FP AC 73 74 78 919 895-3138	VETTER, JOHN STANLEY P. O. BOX 308 ROCKINGHAM 28379 DUKE	FP AC 54 56 57 919 895-9075
FLANNERY, JOHN EDWARD 53 MAIN STREET HAMLET 28345 U OF TEXAS	IM AC 80 80 84 919 582-0004	QUEEN, HUGH OSCAR 315 CHARLOTTE STREET HAMLET 28345 MED COLL OF GA	FP AS 52 54 55 919 582-3241	WELLS, DAVID MORELLE 802 CUMBERLAND CIRCLE ROCKINGHAM 28379 U OF MISSISSIPPI	DR AC 67 67 78 919 997-6311
GARRISON, RALPH BERNARD P. O. BOX 1169 HAMLET 28345 U OF MARYLAND	FP L/RT 33 33 35 919 582-2140	RANKIN, PRESSLEY ROBINSON, JR. P. O. BOX 40 ELLERBE 28338 BOWMAN GRAY	FP AC 47 48 50 919 652-3321	WHITE, PHILIP FLETCHER P. O. BOX 1827 ROCKINGHAM 28379 HAHNEMANN	GP L 42 48 48 919 895-5253
HAJISHEIKH, MOOSA P. O. BOX 1537 ROCKINGHAM 28379 U OF TEHRAN	CD /IM AC 59 60 73 919 997-3177				

78. ROBESON COMPONENT SOCIETY

OFFICERS—President: John C. Rozier, M.D., 4300 Fayetteville Rd., Lumberton 28358 (919 738-9601)

Secretary: E. Bert Knight, III, M.D., 395 W. 27th St., Lumberton 28358 (919 738-7551)

ADAMS, WILLIAM CHAMBLISS 103 W. 27TH ST. LUMBERTON 28358 MED COLL OF VA	PD AC 78 80 82 919 739-3318	ALEXANDER, JOSEPH BLACK 395 W. 27TH STREET LUMBERTON 28358 BOWMAN GRAY	IM AC 47 48 50 919 739-7551	ANDREWS, BOB BARCUS P. O. BOX 847 LUMBERTON 28359 U OF KANSAS	PTH AC 51 57 57 919 738-644
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78. ROBESON COMPONENT SOCIETY (Continued)

BAILEY, JOHN RICHARD 205 W. 29TH STREET LUMBERTON 28358 MED U OF SC	OPH AC 62 69 70 919 738-4856	FLEMING, CHRISTOPHER PAUL 202 W. 28TH ST. LUMBERTON 28358 CASE WESTERN RES	OPH AC 77 78 82 919 739-0606	MCCORMICK, CAROLYN BRUMM 500 W. 27TH STREET LUMBERTON 28358 U OF IOWA	FP AC 72 72 76 919 738-3718
BAKER, HORACE MITCHELL, JR. P. O. BOX 1171 LUMBERTON 28358 DUKE	GS AC 44 44 48 919 738-8571	GASQUE, BOYD BENNETT, JR. P. O. DRAWER 1527 LUMBERTON 28359 U OF NC	DR AC 77 77 82 919 738-8222	MCJILTON, ROY ALAN 4303 LUDGATE ST. LUMBERTON 28358 ST LOUIS U	OTO AC 64 64 84 919 738-4226
BEASLEY, CHARLES RONALD 206 W. 27TH STREET LUMBERTON 28358 DUKE	IM /PUD AC 80 82 78 919 738-1421	HA, KHIE SEM 229 S. MAIN STREET RED SPRINGS 28377 NATL TAIWAN U	FP AC 68 76 77 919 843-4117	MEYER, HOBART, JR. 1920 E. BASELINE RD. TEMPE, AZ 85283 TULANE U	OBG AC 56 67 67 602 345-5000
BERNE, FREEMAN ALBERT P. O. DRAWER 1527 LUMBERTON 28358 DUKE	DR AC 64 64 70 919 738-8222	HARDIN, JAMES BENFORD 206 W. 28TH STREET LUMBERTON 28358 U OF NC	FP AC 77 77 75 919 739-8164	MOZINGO, GEORGE WM., III 101 W. 27TH ST. LUMBERTON 28358 MED U OF SC	U AC 76 77 87 919 738-7166
BIGGS, JOHN IRVIN 1406 N. ELM ST. PO BOX 1004 LUMBERTON 28358 NORTHWESTERN U	ORS LRT 33 37 38 919 739-6093	HEDGPETH, WILLIAM CAREY P. O. BOX 1021 LUMBERTON 28358 NORTHWESTERN U	GYN L 34 33 36 919 739-4923	NAIK, SOMNATH 4209 ALDWYCH ST. LUMBERTON 28358 U OF BOMBAY	IM /PUD AC 75 76 83 919 738-1141
BRADFORD, ARTHUR LOUIS 123 E. BROAD STREET ST. PAULS 28384 HOWARD U	FP AC 74 74 76 919 865-5170	HEGDE, SADANADA BELINJE 4384 FAYETTEVILLE RD. LUMBERTON 28358 KASTURBA U	CD AC 74 77 83 919 738-1141	PARSONS, LACY JACK 2204 ROWLAND AVENUE LUMBERTON 28358 NEW YORK U	OBS LRT 42 43 46 919 739-6431
BRITT, SAMUEL EMERSON, II 295 W. 27TH ST. LUMBERTON 28358 BOWMAN GRAY	GS AC 80 80 79 919 738-8556	HENDRICKS, ANDREW ADAM 102 WEST 27TH STREET LUMBERTON 28358 U OF VIRGINIA	D AC 74 76 81 919 738-7154	PITTMAN, ALFRED ROWLAND, JR. 2606 N. ELM STREET LUMBERTON 28358 DUKE	IM AC 45 45 48 919 739-3362
BROOKS, MARTIN LUTHER 711 HIGHWAY E. P. O. BOX 37 PEMBROKE 28372 U OF MICHIGAN	GP AC 57 58 80 919 521-4221	HEPLER, JOHN DAVIS 403 WEST 27TH STREET LUMBERTON 28358 U OF VIRGINIA	OBG AC 69 69 79 919 739-2846	RICHARDSON, DAVID LEE 395 WEST 27TH STREET LUMBERTON 28358 DUKE	IM AC 74 77 74 919 739-7551
BROOKS, MICHAEL LEE 206 W. 27TH ST. LUMBERTON 28358 BOWMAN GRAY	IM AC 79 80 78 919 738-1421	HOEKSTRA, JOHN ARTHUR 395 W. 27TH STREET LUMBERTON 28358 U OF ILLINOIS	IM /AI AC 75 79 83 919 739-7551	ROZIER, JOHN CHARLES, JR. 4300 FAYETTEVILLE ROAD LUMBERTON 28358 BOWMAN GRAY	OBG AC 67 67 76 919 738-9601
BROWN, ERNEST HYDE, JR. 4300 FAYETTEVILLE ROAD LUMBERTON 28358 U OF NC	OBG AC 57 57 63 919 738-9601	HOFFMAN, CARL WHITE BARKER--TEN MILE RD. PO BOX 1527 LUMBERTON 28358 BOWMAN GRAY	R AC 67 67 73 919 739-9788	RYAN, WILLIAM SCOTT 103 W. 27TH ST. LUMBERTON 28358 U OF KANSAS	PD AC 73 74 85 919 739-3318
BURKE, ANNETTE BLACKMON 4117 VANN DRIVE LUMBERTON 28358 BOWMAN GRAY	PD AC 78 79 83 919 739-0243	HOOKS, RICHARD EUGENE 123 N. SECOND STREET ST. PAULS 28384 U OF MARYLAND	GP AC 47 47 48 919 865-5114	STRAWCUTTER, HOWARD E. PO BOX 1408 LUMBERTON 28359 JEFFERSON	U AC 50 53 56 919 738-6441
BURKE, JOSEPH ANTHONY 4117 VANN DRIVE LUMBERTON 28358 GEORGETOWN U	R AC 64 66 83 919 276-2121	INMAN, CHARLES ERNEST 1212 S. WALNUT ST. FAIRMONT 28340 DUKE	FP AC 51 53 53 919 628-6711	STUART, DENNIS O'GAREY 3580 FAYETTEVILLE RD. LUMBERTON 28358 MED COLL OF VA	FP AC 82 86 86 919 521-2816
BURLESON, WILLIAM ROWELL 101 WEST 27TH STREET LUMBERTON 28358 U OF NC	U AC 64 64 71 919 738-7166	JOHNSON, CHARLES THOMAS, JR. 222 S. MAIN STREET RED SPRINGS 28377 JEFFERSON	FP AC 53 53 53 919 843-4576	THOMPSON, MARVIN WHITAKER P. O. BOX 847 LUMBERTON 28359 BOWMAN GRAY	PTH AC 62 62 67 919 738-6441
CLARK, DOUGLAS HENDON 295 WEST 27TH STREET LUMBERTON 28358 U OF PENN	GS AC 45 45 52 919 738-8556	JORDAN, BARBARA MOORE 207 W. 29TH STREET LUMBERTON 28358 U OF NC	P AC 54 54 59 919 738-5261	VILLANI, PETER LOUIS 33 TRINITY DRIVE LUMBERTON 28358 WEST VA U	GS /CDS AC 72 73 82 919 738-8556
CROOM, ROBERT DEVANE, JR. 501 MCCASKILL AVE. MAXTON 28364 MED COLL OF VA	GP L/RT 34 34 37 919 844-3160	JORDAN, RICHARD LIMING 2608 N. ELM STREET LUMBERTON 28358 VANDERBILT U	FP AC 71 71 80 919 738-9381	WARD, D. E., JR. 2604 N. ELM STREET LUMBERTON 28358 BOWMAN GRAY	GS AC 45 45 53 919 738-4276
DEVINE, GERARD MICHAEL 395 WEST 27TH STREET LUMBERTON 28358 DOWNSTATE ME CTR	IM AC 73 73 77 919 739-7551	KNIGHT, EDWARD BERT, III 27TH STREET LUMBERTON 28358 MED U OF SC	PUD /IM AC 76 77 84 919 738-7551	WESTER, THADDEUS BRYAN 1001 BRIGHTHURST DR., APT. 101 RALEIGH 27605 DUKE	PD /PH AC 51 53 54 919 738-7231
DOUGLAS, ARTHUR EUGENE, JR. 209 W. 27TH STREET LUMBERTON 28358 U OF NC	P AC 59 59 65 919 738-8230	LATHAM-SADLER, BRENDA 119 N. FLORENCE ST. MAXTON 28364 BOWMAN GRAY	FP AC 82 85 87 919 844-5253	WESTFALL, ARLIE HAROLD 4300 FAYETTEVILLE ROAD DECEASED-5-23-87 LUMBERTON 28358 MED COLL OF VA	OBG AC 55 66 67 919 738-9601
DUNLAP, JACK ERWYN 4320 FAYETTEVILLE ROAD LUMBERTON 28358 U OF TENNESSEE	ORS AC 52 61 61 919 739-0634	LAWRENCE, JOHN CHARLES P. O. BOX 1068 LUMBERTON 28358 VANDERBILT U	GS AC 50 57 57 919 738-8571	WILLIAMSON, WARREN LIGON 295 WEST 27TH STREET LUMBERTON 28358 LA STATE U	GS AC 66 66 74 919 738-8556
FAX, JOHN NICHOLAS, JR. 204 W. 28TH STREET LUMBERTON 28358 U OF OREGON	ORS AC 66 69 84 919 739-4313	LEE, HENRY NEILL, JR. 395 WEST 27TH STREET LUMBERTON 28358 U OF NC	IM AC 56 56 62 919 739-7551	YOUNG, ROBERT LASSITER, JR. 103 WEST 27TH STREET LUMBERTON 28358 DUKE	PD AC 61 61 66 919 739-3318

79. ROCKINGHAM COMPONENT SOCIETY

OFFICERS—**President:** Carroll Haines, M.D., 515 Thompson St., Eden 27288 (919 627-5271)
Secretary: Frank J. Lauzau, M.D., 518 S. Van Buren Rd. #7, Eden 27288 (919 623-4304)
Executive Secretary: Jo Ann Garrison, Annie Penn Hospital, Reidsville 27320 (919 349-8461)

BAKER, HERBERT MARVIN 546 MORGAN ROAD EDEN 27288 LOMA LINDA U	FP AC 57 57 58 919 627-1129	HAINES, CARROLL FOGG, JR. 515 THOMPSON ST., STE. A EDEN 27288 HAHNEMANN	OPH AC 78 82 84 919 627-5271	MOORE, DONALD WILSON 401 W. DECATUR ST. MADISON 27025 BOWMAN GRAY	FP AC 76 80 81 919 548-9618
BALSLEY, ROBERT EUGENE 825 CRESCENT DRIVE REIDSVILLE 27320 U OF VIRGINIA	EM/PD AC 44 44 50 919 349-6335	HENDERSON, DAVID JAMES 601 W. HARRISON ST. PO BOX 2299 REIDSVILLE 27320 U OF NC	PD/A AC 79 82 84 919 349-8402	MORICLE, CHARLES HUNTER 1223 CRESCENT DR. REIDSVILLE 27320 U OF MARYLAND	GS/ABS L/RT 39 39 42 919 349-8590
BRADFORD, WILLIAM STRONG 629 S. MAIN ST. REIDSVILLE 27320 UNPHU	GS AC 80 82 86 919 349-4024	HOWARD, KEVIN PRICE 518 S. VAN BUREN RD., STE. #8 EDEN 27288 WAYNE STATE U	FP AC 82 83 86 919 623-5171	NASH, CARL WILLIAM 608 LINDEN DRIVE EDEN 27288 U OF ARKANSAS	R AC 62 62 74 919 623-9711
BURKHART, CECIL ROBERT 1006 OAKCREST DRIVE REIDSVILLE 27320 U OF CINCINNATI	PTH/CLP AC 58 67 68 919 349-8461	HUGHES, LOREN E. 402 W. DECATUR MADISON 27025 SOU IL MED SCH	FP AC 83 84 87 919 548-9618	PAYNE, CLIFTON GADBERRY P. O. DRAWER 1857 REIDSVILLE 27320 U OF NC	FP AC 56 56 60 919 349-5040
CALL, DAVID LEE MOREHEAD MEM. HOSP.-RAD EDEN 27288 U OF NC	DR AC 77 77 82 919 623-9711	JOYCE, CHARLES WELDON 401 W. DECATUR ST. MADISON 27025 BOWMAN GRAY	GP AC 47 48 49 919 548-9618	PORTER, ERIC JAMES 521 PATRICK ST. EDEN 27288 CASE WESTERN RES	AN AC 80 81 84 919 623-1501
CATENACCI, RICHARD 1114 MAIDEN LANE, APT. 10 REIDSVILLE 27320 HAHNEMANN	AN AC 78 79 86 919 349-8461	KEELING, J. WAYNE 307 W. MOREHEAD STREET REIDSVILLE 27320 MED COLL OF VA	ORS AC 75 76 81 919 342-6116	QURESHI, AYYAZ MAHMOOD 505 N. THIRD AVE. MAYODAN 27027 DOW MED COLLEGE	IM/ON AC 75 75 85 919 548-2456
CLARKE, LEN GORDON 1018 E. MEADOW RD. EDEN 27288 BOWMAN GRAY	FP AC 48 49 53 919 623-6836	LAUZAU, FRANK JUSTIN 518 S. VAN BUREN RD. #7 EDEN 27288 U OF NC	IM AC 81 82 85 919 623-4304	REYNOLDS, ERNEST HAROLD P. O. BOX 330 REIDSVILLE 27320 NEW YORK U	FP L 35 35 36 919 349-3332
COUNCIL, ALBERT BARBEE, JR. 701 S. VAN BUREN ROAD EDEN 27288 BOWMAN GRAY	FP AC 51 51 56 919 623-1514	LEWIS, CHARLES PELL, JR. 1307 COACH RD. PO BOX 329 REIDSVILLE 27320 DUKE	OPH/OTO AC 50 52 56 919 342-0588	RICHARDSON, GEORGE IRVIN P. O. BOX 1857 REIDSVILLE 27320 U OF NC	FP AC 55 55 58 919 349-5040
COX, ALEXANDER MCNEIL 325 S. MARKET STREET MADISON 27025 MED COLL OF VA	GP L/RT 32 32 38 919 548-2240	LOTHIAN, GEORGE GENE P. O. BOX 1857 REIDSVILLE 27320 U OF NC	FP AC 68 68 74 919 349-5040	SACRINTY, NICHOLAS WILLIAM 608 LINDEN DR. EDEN 27288 BOWMAN GRAY	IM/GE AC 52 52 60 919 623-9794
DEMASON, MARC 515 THOMPSON ST., STE. B EDEN 27288 U OF MICHIGAN	GS AC 78 80 84 919 623-9118	MABE, PAUL ALEXANDER, JR. 1123 S. MAIN STREET REIDSVILLE 27320 DUKE	FP AC 53 54 56 919 342-4286	TRUSLOW, ROY EARL 618 S. MAIN STREET REIDSVILLE 27320 BOWMAN GRAY	R AC 45 45 53 919 349-8461
DESTEFANO, NEIL MICHAEL PO BOX 780 REIDSVILLE 27320 NEW YORK MED COL	GS/GYN AC 56 57 64 919 349-8484	MACRI, ANTHONY JOHN 311 DOGWOOD DRIVE EDEN 27288 JEFFERSON	PTH AC 62 63 74 919 623-9711	WALKER, WILLIAM WAYNE ASHHURST 608 LINDEN DR. EDEN 27288 U OF VIRGINIA	D AC 55 57 83 919 627-8585
FLEISHMAN, HENRY ARNOLD 515 THOMPSON ST., STE. B EDEN 27288 EMORY U	GS/CD AC 74 75 80 919 623-9118	MCGOUGH, WILLIAM MARION 1403 PENNROSE DR. REIDSVILLE 27320 U OF MISSISSIPPI	FP AC 81 81 84 919 349-8461	WHITLEY, ROBERT RILEY P. O. BOX 1689 REIDSVILLE 27320 U OF NC	FP AC 68 68 74 919 349-5040
FORBES, THOMAS EARL P. O. BOX 659 REIDSVILLE 27320 JEFFERSON	FP L/RT 40 40 42 919 349-5324	MCINNIS, ANGUS GUY 1123 S. MAIN STREET REIDSVILLE 27320 DUKE	FP AC 57 57 63 919 342-4286	WOODWARD, ROBERT WARREN 517 WOODROW ST. PO BOX 448 REIDSVILLE 27320 U OF CHICAGO	OBG AC 61 82 83 919 342-6161
FREEMAN, TYLER IRA 511 BRIARWOOD DR. EDEN 27288 CHICAGO MED SCH	IM/OM AC 59 60 82 919 627-3081			YOUNG, CHARLES GIBSON 403 W. HARRISON STREET P. O. BOX 359 REIDSVILLE 27320 DUKE	IM/OM AC 53 54 74 919 349-5536

80. ROWAN COMPONENT SOCIETY

OFFICERS—**President:** Thomas K. Cariton, Jr., M.D., 720 Grove St., Salisbury 28144 (704 636-5576)
Secretary: Robert G. Steele, M.D., 400 Mocksville Ave., Salisbury 28144 (704 633-6442)

AGNER, ROY AUGUSTA, JR. 611 MOCKSVILLE AVENUE SALISBURY 28144 DUKE	IM AC 51 52 55 704 633-7220	BAILEY, HILDA HART 102 MOCKSVILLE AVENUE SALISBURY 28144 U OF PENN	PD AC 45 46 47 704 633-3727	BLACK, KYLE EMERSON 825 W. HENDERSON STREET SALISBURY 28144 U OF MICHIGAN	GS L 38 41 46 704 636-5510
AGNER, ROY CHRISTOPHER 611 MOCKSVILLE AVENUE SALISBURY 28144 DUKE	IM AC 75 77 79 704 636-9820	BARR, JOHN FINDLEY CLEVELAND FAMILY PRACTICE PO BOX 295 CLEVELAND 27013 HAHNEMANN	AC 80 81 86	BLACK, WINSEL O'NEAL 601 MOCKSVILLE AVENUE SALISBURY 28144 HOWARD U	GP AC 61 62 67 704 633-5048
BACHL, FREDERICK JOSEPH 720 GROVE STREET SALISBURY 28144 TUFTS U	PD AC 64 67 74 704 636-5576	BERTRAM, ROBERT 909 W. HENDERSON ST. SALISBURY 28144 U OF KENTUCKY	U AC 80 80 86 704 633-9441	BLOUNT, JOHN MYERS, III 130 WOODSON ST. SALISBURY 28144 U OF NC	FP/OM AC 60 60 62 704 637-3207

80. ROWAN COMPONENT SOCIETY (Continued)

BUMGARNER, JOHN HENRY P. O. BOX 1735 SALISBURY 28144 MED COLL OF VA	AN /PUD AC 66 67 67 704 638-1000	GREEN, PAUL, JR. 315 G MOCKSVILLE AVE. SALISBURY 28144 DUKE	GYN AC 51 56 58 704 636-9270	MURPHY, THOMAS LYNCH 409 MOCKSVILLE AVE. SALISBURY 28144 HARVARD	GE /GE L/RT 43 43 54 704 633-2732
BUSBY, MERLE RUDY 901 W. HENDERSON STREET SALISBURY 28144 DUKE	GS AC 70 70 79 704 633-1581	GULYN, ANNA BAUHOFFER 117 PINETREE ROAD SALISBURY 28144 U OF INNSBRUCK	GP AC 57 62 74 704 636-2351	NEWMAN, HAROLD HASTINGS, JR. 516 MOCKSVILLE AVENUE SALISBURY 28144 JOHNS HOPKINS	GP /OM AC 45 45 48 704 633-7070
CARLTON, THOMAS KERN, JR. 720 GROVE STREET SALISBURY 28144 DUKE	PD AC 63 63 72 704 636-5576	GULYN, BOHDAN EMANUEL 117 PINETREE ROAD SALISBURY 28144 U OF WIEN	P /GP RT 40 40 75 704 633-7770	OLIVER, JOSEPH ANDREW P. O. BOX 458 ROCKWELL 28138 LOMA LINDA U	FP L 33 34 37 704 279-7227
CLINE, WAYNE ALLEN 909 W. HENDERSON STREET SALISBURY 28144 BOWMAN GRAY	U AC 46 47 53 704 633-9441	HALL, BAHNSON DAVID 315 MOCKSVILLE AVENUE SALISBURY 28144 BOWMAN GRAY	OBG AC 74 74 81 704 636-9270	PARADA, MALCOLM PERRY 315 MOCKSVILLE AVENUE SALISBURY 28144 U OF CINCINNATI	OBG AC 64 64 71 704 636-9270
CLINE, WAYNE ALLEN, JR. 909 W. HENDERSON STREET SALISBURY 28144 BOWMAN GRAY	U AC 76 76 83 704 633-9441	HALL, JOSEPH CULLEN 305 STUART DRIVE SALISBURY 28144 VANDERBILT U	OBG L/RT 42 42 48 704 633-9508	PARROTT, FRANK STRONG P. O. BOX 637 SALISBURY 28144 U OF MARYLAND	GS L/RT 43 43 54
COCHRAN, W. GERALD 410 MOCKSVILLE AVE. SALISBURY 28144 TEMPLE U	PS AC 67 68 86 704 633-8561	HINSON, JAMES NOAH 102 MOCKSVILLE AVE., STE. 204 SALISBURY 28144 BOWMAN GRAY	IM AC 60 60 71 704 633-3136	POTTS, RONALD SARGENT 115 WAVERLY CIRCLE SALISBURY 28144 MCGILL U	PTH AC 54 59 82 704 633-7765
COFFEY, JAMES CECIL 8 PINE TREE ROAD SALISBURY 28144 EMORY U	GP L 37 37 40 704 633-3794	HOLT, CHARLES RICHARD 17 CAMELOT RD., KINGS FOREST SALISBURY 28144 BOSTON U	EM /GS AC 52 57 80 704 637-7504	RENDLEMAN, DAVID ATWELL, JR. P. O. BOX 4327 SALISBURY 28144 EMORY U	FP AC 44 44 48 704 633-0844
CORPENING, JOSEPH DURHAM 720 GROVE STREET SALISBURY 28144 DUKE	PD AC 52 54 56 704 636-5576	JACKSON, JOSEPH ALEXANDER, III 800 W. CEMETERY STREET SALISBURY 28144 U OF FLORIDA	OPH AC 66 67 73 704 633-0345	REYNOLDS, JAMES W., JR. 826 W. HENDERSON STREET SALISBURY 28144 U OF NC	OTO /A AC 64 64 72 704 633-8276
CRAWFORD, JOHN ROBERT, III 310 N. MAIN STREET SALISBURY 28144 U OF NC	OPH AC 66 66 71 704 633-7542	JORDAN, RICHARD DORN 7 PINETREE ROAD SALISBURY 28144 U OF NC	R AC 61 61 67 704 633-1022	REYNOLDS, JOHN OZMENT, JR. 410 MOCKSVILLE AVE. SALISBURY 28144 U OF NC	OPH AC 71 71 76 704 637-0158
DONNELLY, GRANT LESTER 240 WINDSOR DRIVE SALISBURY 28144 DUKE	PUD RT 33 33 68 704 637-0905	KOONTZ, WAYNE CARSON 720 GROVE STREET SALISBURY 28144 BOWMAN GRAY	PD AC 64 64 69 704 636-5576	ROBERTSON, LLOYD HARVEY, JR. 909 W. HENDERSON STREET SALISBURY 28144 DUKE	U AC 60 60 65 704 633-9441
DULA, FREDERICK MAST, JR. 102 MOCKSVILLE AVE. SALISBURY 28144 U OF NC	R AC 81 82 78 704 633-1023	LAMM, LEROY BARDEN P. O. BOX 427 ROCKWELL 28138 BOWMAN GRAY	P AC 46 46 77 704 279-7034	SCOTT, ALAN FULTON P. O. BOX 63 SALISBURY 28144 U OF PENN	FP AC 43 43 47 704 636-5431
EDDING, CHARLES FREDERICK P. O. BOX 45 SPENCER 28159 U OF NC	FP AC 55 55 57 704 636-1720	LOCKERT, CHARLES RAY 102 MOCKSVILLE AVENUE SALISBURY 28144 VANDERBILT U	ORS AC 62 66 69 704 637-0500	SHAFFER, FRANK TYACK P. O. BOX 2129 SALISBURY 28144 BOWMAN GRAY	IM AC 51 51 52 704 636-1826
ELLIS, CHARLES ROBERT 106 S. MYRTLE ST. CHINA GROVE 28023 BOWMAN GRAY	FP AC 82 84 86 704 857-0137	LOMAX, DONALD HENRY KETNER CENTER SALISBURY 28144 BOWMAN GRAY	FP AC 51 51 55 704 636-5626	SHANNON, WILLIAM GARY ROUTE #8, BOX 315 SALISBURY 28144 BOWMAN GRAY	AN AC 72 72 75 704 637-3599
ERR, NORRIS SCRIBNER 8 OAK ROAD SALISBURY 28144 MED COLL OF VA	U AC 44 46 47 704 633-2449	LOMBARD, R. ELIZABETH P. O. BOX 457 ROCKWELL 28138 LOMA LINDA U	FP AC 53 54 54 704 279-7227	SHINN, GEORGE CLYDE 111 N. MAIN STREET CHINA GROVE 28023 U OF MARYLAND	GP L 33 33 40 704 857-7098
FARRINGTON, CECIL MURRAY, JR. 322 MOCKSVILLE AVENUE SALISBURY 28144 U OF NC	FP AC 72 72 77 704 637-1123	MARSH, FRANK BAKER 725 LAKE DRIVE SALISBURY 28144 JEFFERSON	IM L/RT 19 20 22 704 633-2344	SKOWRONEK, DAVID GORDON 11 SPICEWOOD LANE SALISBURY 28144 BOWMAN GRAY	EM /ORS AC 74 74 79 704 638-1035
FEEZOR, CHARLES NOEL 6 PINETREE ROAD SALISBURY 28144 TEMPLE U	FP L 37 37 40 704 633-1787	MARTIN, RICHARD W. 327 MOCKSVILLE AVE. PO BOX 1665 SALISBURY 28144 CORNELL U	GS AC 57 66 67 704 637-2750	SLOOP, NORMAN RAY 310 STATESVILLE BOULEVARD SALISBURY 28144 BOWMAN GRAY	GP AC 59 59 62 704 636-5326
FIELD, BOB LEWIS 1239 W. HENDERSON ST. SALISBURY 28144 MED COLL OF VA	FP L 31 31 39 704 636-0732	MASON, WILLIAM TERRY 400 MOCKSVILLE AVENUE SALISBURY 28144 U OF MARYLAND	ORS AC 66 66 76 704 633-6044	SMITH, DAVID NIMMONS 102 MOCKSVILLE AVE., STE. 103 SALISBURY 28144 BOWMAN GRAY	IM /CD AC 66 66 67 704 636-6632
GINN, THOMAS MOSS 319 MOCKSVILLE AVE. SALISBURY 28144 BOWMAN GRAY	IM AC 75 75 73 704 637-3538	MAYRAND, ELIZABETH 701 BARKER ST. SALISBURY 28144 U OF ILLINOIS	PTH AC 45 64 69 919 998-8433	SMITH, JAY LELAND, JR. P. O. BOX 85 SPENCER 28159 JEFFERSON	GP AC 42 42 46 704 636-8046
GISH, LARRY MORGAN 611 MOCKSVILLE AVENUE SALISBURY 28144 BOWMAN GRAY	IM AC 64 64 72 704 633-7220	MCLEROY, RICHARD ALLEN P. O. BOX 186 LANDIS 28088 TULANE U	GP AC 52 56 57 704 857-2711	SPARGO, JOHN PRICHARD P. O. BOX 278 COOLEEMEE 27014 BOWMAN GRAY	FP AC 55 55 59 704 284-2331
GOODWIN, JOEL SEXTON 315 MOCKSVILLE AVENUE SALISBURY 28144 U OF NC	OBG AC 59 59 68 704 636-9270	MCKENZIE, EDWARD BURT 709 BARKER STREET SALISBURY 28144 U OF ROCHESTER	GS AC 51 56 57 704 633-3441	SPENCER, ALLEN 820 W. HENDERSON STREET SALISBURY 28144 U OF NC	GS /GYN AC 54 54 60 704 633-2883
GOSS, FREDERICK UHL 611 MOCKSVILLE AVE. SALISBURY 28144 U OF NC	IM AC 80 81 77 704 633-7220	MILLER, ALMA ELIZABETH 1111 CRESTVIEW DRIVE SALISBURY 28144 MEHARRY MED COLL	P /IM AC 49 54 72 704 637-2729	SPENCER, FREDERICK BRUNELL, JR 820 W. HENDERSON STREET SALISBURY 28144 MED COLL OF VA	IM AC 45 45 48 704 636-5016

80. ROWAN COMPONENT SOCIETY (Continued)

STEELE, ROBERT GIBSON 400 MOCKSVILLE AVENUE SALISBURY 28144 EMORY U	ORS AC 73 74 78 704 633-6442	WALSH, CARLE DOUGLAS 921 CONFEDERATE AVENUE SALISBURY 28144 COLUMBIA U	D L/RT 31 31 56 704 636-2466	WEBB, WILLIAM WHITAKER, JR. 400-C MOCKSVILLE AVENUE SALISBURY 28144 U OF NC	D AC 71 71 79 704 636-0971
TANNEHILL, ROBERT BRUCE 720 GROVE STREET SALISBURY 28144 MED COLL OF GA	PD AC 59 62 62 704 636-5576	WARD, DEMMING MORTON 319 MOCKSVILLE AVENUE SALISBURY 28144 BOWMAN GRAY	IM AC 74 74 80 704 637-3538	WHICKER, WINFRIY EVANS P. O. BOX 595 CHINA GROVE 28023 BOWMAN GRAY	FP AC 63 63 66 704 857-1108
THOMPSON, WILLARD RAY 102 MOCKSVILLE AVENUE SALISBURY 28144 MED COLL OF VA	OTO AC 69 69 77 704 637-3344	WATTS, HUGH BOYD 130 MOCKSVILLE AVE. SALISBURY 28144 U OF TENNESSEE	ORS AC 62 62 71 704 633-1022	WOOTEN, WAYNE BROWN 102 MOCKSVILLE AVE. #206 SALISBURY 28144 BOWMAN GRAY	DR AC 74 74 78 704 633-1023
THURSTON, THOMAS GARDINER, II P.O. DRAWER 2608 SALISBURY 28144 HARVARD	R/NM AC 41 41 47 704 636-0848	WEAR, JOHN EDMUND 102 MOCKSVILLE AVE., #206 SALISBURY 28144 NORTHWESTERN U	R AC 46 52 52 704 633-1022	WRIGHT, RICHARD BRANDON, JR. 102 MOCKSVILLE AVENUE SALISBURY 28144 TULANE U	FP L 42 42 47 704 633-6010
THURSTON, THOMAS GARDINER, III 315 MOCKSVILLE AVENUE SALISBURY 28144 DUKE	OBG AC 68 68 76 704 636-9270				

81. RUTHERFORD COMPONENT SOCIETY

OFFICERS—President: Douglas D. Sheets, M.D., P.O. Box 1208, Rutherfordton 28139 (704 287-7383)
Secretary: James Van Jura, M.D., 121 Tryon Rd., Rutherfordton 28139 (704 286-2302)

BECKNELL, GEORGE FRANKLIN, JR. 407 S. BROADWAY FOREST CITY 28043 MED U OF SC	GP AC 51 52 53 704 245-4838	LAWRENCE, ROBERT S. 313 PINE STREET RUTHERFORDTON 28139 MED U OF SC	FP AC 75 75 86 704 287-7371	RADFORD, HOWARD LEE P. O. BOX 427 CLIFFSIDE 28024 BOWMAN GRAY	FP AC 54 54 56 704 657-5221
CARTER, JOHN JEFFERSON, JR. CITY RT. #3, 311 FAIRGROUND RD SPINDALE 28160 U OF ALABAMA	P AC 75 76 85 704 287-2211	LESHER, DONALD TICE 909 N. WASHINGTON STREET RUTHERFORDTON 28139 U OF TENNESSEE	DR AC 76 76 81 704 286-9036	ROGERS, HOBART RAY NORRIS-BIGGS CLINIC RUTHERFORDTON 28139 BOWMAN GRAY	ORS/HS AC 63 63 72 704 286-9036
ELIZONDO, MERCEDITAS O. 20 N. MAIN STREET CLIFFSIDE 28024 CEBU INST OF MED	GP/PTH AC 64 77 82 704 657-9742	LLOYD, HARRY DAVIDSON NORRIS-BIGGS CLINIC RUTHERFORDTON 28139 U OF FLORIDA	U AC 64 66 72 704 286-9036	SELF, JERRY LEE PO BOX 886 217 W. SECOND ST. RUTHERFORDTON 28139 U OF NC	DR AC 77 77 75 704 287-2984
HARDING, ROBERT WILLIAM NORRIS-BIGGS CLINIC RUTHERFORDTON 28139 ST U OF NY-BUFF	IM AC 64 65 71 704 287-7383	LOVELACE, THOMAS CLAUDE P. O. BOX 295 HENRIETTA 28076 NC MED COLL	GP/OBS L/RT 17 20 20 704 657-5118	SHAPIRO, WILLIAM HARTMAN NORRIS-BIGGS CLINIC RUTHERFORDTON 28139 OHIO STATE U	IM/CD AC 61 61 69 704 286-9036
HUGHES, JOE DON P. O. BOX 1208 RUTHERFORDTON 28139 U OF TEXAS	OBG AC 59 64 65 704 287-7383	MARSTON, CHARLES THOMAS, JR. 117 TRYON ROAD RUTHERFORDTON 28139 U OF NC	PD AC 78 81 76 704 286-9049	SHEETS, DOUGLAS DEAN TRYON RD., PO BOX 1208 RUTHERFORDTON 28139 INDIANA U	OBG AC 74 74 81 704 287-7383
HYDE, AUSTIN TABER, JR. NORRIS-BIGGS CLINIC PO BOX 970 RUTHERFORDTON 28139 U OF VIRGINIA	A/IM AC 51 54 57 704 286-9036	MEBANE, JOHN GILMER P. O. BOX 1405 RUTHERFORDTON 28139 HARVARD	IM L/RT 41 48 49 704 287-3515	TANNER, KENNETH SPENCER, JR. PO BOX 468 RUTHERFORDTON 28139 HARVARD	GS L/RT 43 47 48 704 286-9036
JAMES, CHARLES NEWTON P. O. BOX 518 CAROLEEN 28019 MED COLL OF VA	FP AC 67 68 69 704 657-5371	MITCHELL, LANDIS PATTERSON 200 OHIO STREET SPINDALE 28160 WASHINGTON U	FP L 38 40 41 704 286-2391	WHEELER, MICHAEL STEVENS 15 SQUIRREL DEN DRIVE RUTHERFORDTON 28139 U OF NC	PTH AC 77 79 75 704 287-7371
JASKI, THOMAS JOHN NORRIS-BIGGS CLINIC P. O. BOX 970 RUTHERFORDTON 28139 ST LOUIS U	GE/IM AC 67 67 74 704 286-9036	MOORING, STEWART LEE RUTHERFORD HOSPITAL RUTHERFORDTON 28139 U OF NC	R/NM AC 55 55 62 704 287-7371	WHITWORTH, CLAUDE PHILLIP RT. 3, BOX 315 BB FOREST CITY 28043 U OF NC	IM AC 79 81 85 704 286-9036
		MOSS, GEORGE OREN ROUTE #1, BOX 397JJ BOSTIC 28018 EMORY U	GP/PH L/RT 27 28 29 704 245-2853	WINKER, JOEL EDWARD P. O. BOX 1208 RUTHERFORDTON 28139 CORNELL U	OBG AC 63 64 73 704 287-7383

82. SAMPSON COMPONENT SOCIETY

OFFICERS—President: John E. Scarff, Jr., M.D., 503 Parker St., Clinton 28328 (919 592-7129)
Secretary: Agapito L. Fajardo, M.D., 407 Beaman St., Clinton 28328 (919 592-1462)

AYERS, JAMES SALISBURY PROFESSIONAL BUILDING CLINTON 28328 JEFFERSON	FP L 32 32 37 919 592-2541	CARR, HENRY JAMES, JR. 603 BEAMAN STREET CLINTON 28328 DUKE	IM AC 54 54 62 919 592-6114	EHRlichMAN, GLORIA SOTOMAYOR 603 BEAMAN STREET CLINTON 28328 U OF PUERTO RICO	PD AC 55 56 74 919 592-7712
BARR, FALVY CARL, JR. 404 BUTLER DRIVE CLINTON 28328 LA STATE U	PTH/FOP AC 72 75 82 919 592-8511	CROUTCHER, DONALD LEWIS P. O. BOX 1130 CLINTON 28328 U OF KENTUCKY	R/NM AC 66 67 77 919 592-6924	FAJARDO, AGAPITO LACSON 407 BEAMAN ST. CLINTON 28328 U OF SANTO TOMAS	GP AC 71 75 77 919 592-1462
CALDWELL, BRUCE FRANCIS P. O. BOX 1006 CLINTON 28328 U OF NC	EM/GS AC 63 63 70 919 592-8511	DAMBECK, ALLYN BENARD 312 FOX LAKE DRIVE CLINTON 28328 U OF VERMONT	EM AC 54 56 78 919 592-8511	HERRING, RUFUS MCPHAIL, JR. 403 FAIRVIEW STREET CLINTON 28328 BOWMAN GRAY	PD AC 69 69 74 919 592-6011

82. SAMPSON COMPONENT SOCIETY (Continued)

HOWARD, JOSEPH COOPER, JR. HOSPITAL PROF. BLDG. CLINTON 28328 TEMPLE U	GS AC 42 42 47 919 592-2167	OWENS, WILLIAM LAWRENCE WOODSIDE PROF. BLDG. CLINTON 28328 U OF NC	IM AC 61 61 68 919 592-4605	SIY-HIAN, BIENVENIDO CHAN 603 BEAMAN STREET CLINTON 28328 U OF EAST	IM /CD AC 71 76 78 919 592-1545
HUBBARD, HAMPTON WOODSIDE PROF. BLDG. CLINTON 28328 MED COLL OF VA	U AC 47 47 73 919 592-7129	PEAK, LATHAM CONRAD ROSEBORO MEDICAL CLINIC ROSEBORO 28382 BOWMAN GRAY	FP AC 51 51 56 919 525-5055	SMITH, JOHN BRASWELL, JR. 403 FAIRVIEW STREET CLINTON 28328 U OF NC	FP AC 77 77 80 919 592-6011
KENDALL, JOHN HAROLD 715 STEWART AVENUE CLINTON 28328 LOMA LINDA U	GP L 35 35 35 919 592-2161	REITER, RICHARD MARTIN 603 BEAMON ST. CLINTON 28328 HOWARD U	GS AC 70 75 87 919 592-8711	SUMPIO, BERNARDO D. 209 FOX LAKE DRIVE CLINTON 28328 MANILA U	EM /IM AC 54 77 77 919 592-8847
LEAK, FRANK WALTER CLINTON MEDICAL CLINIC CLINTON 28328 U OF NC	FP AC 67 67 70 919 592-6011	ROBERTS, JOHN MILTON, JR. 400 COOPER DRIVE CLINTON 28328 BOWMAN GRAY	OBG AC 74 74 81 919 592-1414	SURRATT, JOHN PEELER 603 BEAMON ST. CLINTON 28328 U OF NC	D AC 71 71 78 919 592-5583
MARGOLIS, JEFFREY ALAN 603 BEAMON ST. CLINTON 28328 U OF NC	IM AC 78 79 80 919 592-6114	ROUSE, JOHN LAWRENCE, III 403 FAIRVIEW ST. CLINTON 28328 BOWMAN GRAY	FP AC 73 73 77 919 592-6011	SWANTON, MARGARET CATHERINE P. O. BOX 1089 CLINTON 28328 JOHNS HOPKINS	PTH AC 46 49 53 919 592-8511
NANCE, JOHN WESLEY 403 FAIRVIEW STREET CLINTON 28328 BOWMAN GRAY	FP AC 48 49 52 919 592-6011	ROYAL, DONNIE MARTIN BOX 156 SALEMBURG 28385 MED COLL OF VA	GP L 26 26 28 919 525-4538	WOODS, THOMAS J. CROFFORD WOODSIDE PROF. BLDG. CLINTON 28328 U OF MISSISSIPPI	OPH /EM AC 74 74 82 919 592-7860
NEWTON, JOHN THOMAS 403 FAIRVIEW ST. CLINTON 28328 U OF NC	FP AC 81 82 78 919 592-6011	SCARFF, JOHN EDWIN, JR. 603 BEAMON ST. CLINTON 28328 BOWMAN GRAY	U /GS AC 63 63 80 919 592-7129		

83. SCOTLAND COMPONENT SOCIETY

OFFICERS—President: Fred H. Mabry, Jr., M.D., 418 King St., Laurinburg 28352 (919 276-7570)
Secretary: James M. Currin, M.D., 515 Lauchwood Dr., Laurinburg 28352 (919 276-1340)

ALCINI, JOHN JOSEPH, JR. SCOTLAND MEMORIAL HOSPITAL LAURINBURG 28352 WAYNE STATE U	DR /NM AC 67 68 74 919 276-2121	MATTSON, MARK WARREN PO BOX 1808 LAURINBURG 28352 NORTHWESTERN U	GS AC 77 78 84 919 276-3541	PURCELL, WILLIAM ROBERT 418 KING STREET LAURINBURG 28352 U OF NC	PD AC 56 56 61 919 276-7570
BALL, FRANK JERVEY, JR. 601 LAUCHWOOD DR. LAURINBURG 28352 MED U OF SC	IM AC 76 78 81 919 276-7727	MCARN, HUGH MUNROE, JR. 422 KING STREET LAURINBURG 28352 DUKE	FP /GP AC 53 53 56 919 276-2100	RODGERS, THEODORE YOUNG, III 507 W. COVINGTON STREET LAURINBURG 28352 NEW YORK MED COL	ORS AC 52 53 78 919 276-3541
†CREED, GEORGE OTIS P. O. BOX 809 DECEASED - 5-17-87 LAURINBURG 28352 MED U OF SC	GP L 42 46 46 919 276-0421	MCCASKILL, LLOYD CURTIS P. O. BOX 788 MAXTON 28364 U OF NC	EM /FP AC 55 55 57 919 844-3236	SAVIDGE, THOMAS OLIVER 601 LAUCHWOOD DR. LAURINBURG 28352 HAHNEMANN	IM /CD AC 60 60 79 919 276-7727
CURRIN, JAMES MITCHELL, JR. 515 LAUCHWOOD DRIVE LAURINBURG 28352 BOWMAN GRAY	FP AC 77 77 81 919 276-1340	MCKEITHEN, MURDOCH RITCHIE P. O. BOX 1808 LAURINBURG 28352 WASHINGTON U	OBG AC 53 53 56 919 276-4432	SMITHWICK, JAMES DAVID ROUTE #3, BOX 238-B LAURINBURG 28352 U OF NC	PD AC 70 70 78 919 276-7570
FRENCH, THOMAS NASH LAURINBURG SURGICAL CLI. PO BOX 1808 LAURINBURG 28352 U OF NC	U AC 66 66 75 919 276-3541	MCQUEEN, JAMES AUBREY 418 KING STREET LAURINBURG 28352 U OF NC	PD AC 70 70 79 919 276-7570	TATUM, BEN SULLIVAN P. O. BOX 1599 LAURINBURG 28352 MED U OF SC	OBG AC 59 60 67 919 276-4432
LIAO, FU CHE RT. #6, CYPRESS DR. LAURINBURG 28352 TAIWAN U-TAIPEI	OTO AC 60 61 75 919 276-8205	MITCHENER, JAMES SAMUEL, JR. P. O. BOX 1808 LAURINBURG 28352 JOHNS HOPKINS	GS AC 47 47 56 919 276-3541	WILLITTS, BRUCE KIRBY P. O. BOX 1808 LAURINBURG 28352 CASE WESTERN RES	OBG AC 56 56 79 919 276-4432
MABRY, FREDERICK HARRISON, JR. 418 KING STREET LAURINBURG 28352 U OF NC	PD AC 77 77 75 919 276-7570	NISBETT, DONALD ALWIN 616 ATKINSON ST. LAURINBURG 28352 ALBERT EINSTEIN	FP AC 79 80 85 919 277-0971	WINN, BARBARA JANE PETERS 605 PEDEN STREET LAURINBURG 28352 MED COLL OF PENN	IM AC 52 67 68 919 276-6637

84. STANLY COMPONENT SOCIETY

OFFICERS—President: Stephen C. Seltzer, M.D., 320 Yadkin St., Albemarle 28001 (704 982-9144)
Secretary: James E. Drake, M.D., 301 Yadkin St., Albemarle 28001 (704 249-1515)

BALLENGER, CLAUDE NEWTON, JR. 1003 N. SIXTH STREET ALBEMARLE 28001 U OF VIRGINIA	PD AC 54 59 60 704 982-2133	CABUGWASON, LUCILA NOVAL 28 N. MAIN ST. PO BOX 726 NORWOOD 28128 CEBU INST OF MED	GP AC 63 78 80 704 474-3317	FORT, WILKINSON DAVIS 1000 N. FIFTH STREET ALBEMARLE 28001 U OF TENNESSEE	OBG AC 60 64 64 704 982-8112
BARRON, BRUCE JOSEPH 901 N. THIRD ST. PO BOX 1398 ALBEMARLE 28001 U OF OTTAWA	GS AC 69 70 77 919 982-0161	EDDINS, GEORGE EDGAR, JR. 214 E. NORTH STREET ALBEMARLE 28001 CORNELL U	IM /CD AC 45 51 51 704 982-1136	FREEMAN, WILLIAM HARRISON P. O. DRAWER 1398 ALBEMARLE 28001 BOWMAN GRAY	GS AC 44 44 47 704 982-0161

84. STANLY COMPONENT SOCIETY (Continued)

GAITHER, ROBERT HUTH 1000 N. FIFTH STREET ALBEMARLE 28001 GEO WASHINGTON U	OBG AC 64 64 72 704 982-8112	KELLEY, THOMAS FRANCIS 320 YADKIN STREET ALBEMARLE 28001 DUKE	FP AC 46 49 50 704 982-9144	MCKENZIE, WAYLAND NASH P. O. BOX 248 ALBEMARLE 28002 MED COLL OF VA	GP L 35 35 37 704 982-3312
GASKIN, JOHN STOVER, JR. 206 W. MAIN ST. LOCUST 28097 DUKE	FP AC 59 59 61 704 983-3121	LACROIX, CAROL ANN 320 YADKIN STREET ALBEMARLE 28001 WRIGHT STATE U	FP AC 80 80 81 704 982-9144	MCLEOD, WILLIAM LOUIS P. O. BOX 100 OAKBORO 28129 TEMPLE U	GP L 38 38 40 704 485-3319
GREEN, FRANCIS WEATHERLY 1009 N. 6TH ST. ALBEMARLE 28001 U OF NC	IM AC 56 56 64 704 982-8169	LEFLER, RUFUS STAMEY, III 214 E. NORTH STREET ALBEMARLE 28001 BOWMAN GRAY	IM/CD AC 78 78 75 704 982-1136	MEHTA, NALIN CHIMANLAL 815 N. THIRD ST. ALBEMARLE 28001 B J MED COLL	IM/ON AC 72 75 82 704 983-3508
HERRING, JOHN HARVARD 1000 N. FIFTH STREET ALBEMARLE 28001 U OF TENNESSEE	OBG AC 58 68 68 704 982-8112	LEIBY, GEORGE MARTIN 5201 ROMA AVE., NE ALBUQUERQUE, NM 87108 VANDERBILT U	GPM L/RT 31 33 34 505 898-1384	MURRAY, JOHN P. PO BOX 819 ALBEMARLE 28001 WASHINGTON U	OTO AC 66 66 86 704 983-6950
HILL, WILLIAM HENRY 501 HILL BUILDING ALBEMARLE 28001 BOWMAN GRAY	GP AC 44 44 46 704 982-5812	LILES, RICHARD VERNON, JR. 320 YADKIN STREET ALBEMARLE 28001 U OF NC	FP AC 57 57 62 704 982-9144	ROSS, WILLIS RICHARD 320 YADKIN STREET ALBEMARLE 28001 MED U OF SC	FP AC 52 53 53 704 982-9144
JENKINS, LARRY PARKER 121 YADKIN STREET ALBEMARLE 28001 U OF TENNESSEE	OPH AC 64 64 73 704 983-1102	MAC, HARJIT BALA P. O. BOX 1230 ALBEMARLE 28002 B J MED COLL	PM AC 70 70 84 704 983-3314	SELTZER, STEPHEN CHARLES 320 YADKIN STREET ALBEMARLE 28001 U OF IOWA	FP AC 74 75 79 704 982-9144
JOHNSEN, ERIC MERRIMAN 1007 N. 6TH ST. ALBEMARLE 28001 WAYNE STATE U	FP AC 77 78 80 704 983-3121	MAC, SURENDRAPAL SINGH P. O. BOX 1230 ALBEMARLE 28001 GANDHI MED. COLL	ORS/HS AC 70 75 80 704 983-3314	SMITH, WHITMAN ERSKINE, JR. P. O. BOX 1398 ALBEMARLE 28001 DUKE	GS AC 57 57 64 704 982-0161
JOLLY, WILLIAM OSCAR, III 320 YADKIN STREET ALBEMARLE 28001 U OF NC	FP AC 63 63 67 704 982-9144	MANGUM, ADDISON GOODLOE P. O. BOX 1258 ALBEMARLE 28002 U OF NC	R AC 58 58 67 704 982-5319	WALLACE, JOHN MORRIS P. O. BOX 1489 ALBEMARLE 28001 MED U OF SC	PTH AC 59 61 64 704 982-0148
KANDL, LOUIS CHARLES 331 N. FIRST ST. ALBEMARLE 28001 HAHNEMANN	IM/ID AC 72 79 81 704 982-2189				

86. SURRY-YADKIN COMPONENT SOCIETY

OFFICERS—President: Marjorie E. Matthews, M.D., P.O. Box 667, Pilot Mountain 27041 (919 368-4198)
Secretary: Nelson Gardner, M.D., 819 Rockford St., Mount Airy 27030

APPLER, MARK LEE P. O. BOX 1547 MT. AIRY 27030 BOWMAN GRAY	GE/IM AC 80 81 80 919 786-6196	DUDLEY, CHARLES COUNCIL, JR. 320 IVY CIRCLE ELKIN 28621 U OF NC	PTH/FP 55 55 59 919 835-2931	HUGHES, CARLISLE BEE, JR. RT. 2, BOX 567 YADKINVILLE 27055 MED COLL OF VA	GS L/RT 40 51 52 919 679-8285
BOKESCH, CHARLES RICHARD P. O. BOX 1547 MOUNT AIRY 27030 EMORY U	CD/IM AC 73 74 78 919 786-6146	ERLANDSON, STEPHEN ERIC 815 N. BRIDGE ST. ELKIN 28621 U OF NC	FP AC 75 75 80 919 835-4819	JACKSON, DAVID DEWITT P. O. BOX 191 MOUNT AIRY 27030 BOWMAN GRAY	GS/CDS AC 73 73 79 919 789-9176
BRITT, TILMAN CARLISLE, JR. 216 GRACE STREET MOUNT AIRY 27030 BOWMAN GRAY	CD/IM AC 47 48 52 919 786-5745	EVERHART, CARLTON DHU 911 WORTH ST. MOUNT AIRY 27030 BOWMAN GRAY	FP AC 58 58 61 919 786-5108	JACKSON, RICHARD DEWITT 1067 GREENHILL ROAD MOUNT AIRY 27030 TEMPLE U	GS L/RT 45 46 56 919 786-2400
BRYANT, JAMES EDWIN P. O. BOX 68 YADKINVILLE 27055 BOWMAN GRAY	IM AC 77 80 81 919 679-2041	FENCL, RAYMOND JOHN 180-0 PARKWOOD ELKIN 28621 U OF ILLINOIS	U AC 69 71 87 919 526-2000	JARRELL, WILBURN ERIC 2007 SALEM ROAD MOUNT AIRY 27030 U OF VIRGINIA	FP AC 54 56 58 919 786-5050
BURKE, JAMES GILLUM 414 W. LEBANON STREET P. O. BOX 1544 MOUNT AIRY 27030 EMORY U	ORS AC 73 74 79 919 789-9041	GITT, KENNETH DARYL 708 S. SOUTH STREET MOUNT AIRY 27030 U OF NEBRASKA	OBG AC 80 84 85 919 786-4522	KERLEY, ROGER KENNY 708 S. SOUTH STREET P. O. BOX 1547 MOUNT AIRY 27030 U OF NC	IM AC 79 80 84 919 786-6146
CALDWELL, ROBERT MANFRED 227 GRACE ST. MOUNT AIRY 27030 U OF VIRGINIA	PH L/RT 36 36 40 919 374-2131	GRIFFIN, ADRIAN MARK PO BOX 1623 913 WORTH ST. MOUNT AIRY 27030 BOWMAN GRAY	EM/P AC 77 77 74 919 786-2001	LARSON, KIP LEROY 805 MERITA ST. MOUNT AIRY 27030 EASTERN VA	FP AC 78 79 86 919 789-0454
COOKE, RALPH MCBRIDE 631 ELK SPUR ST. ELKIN 28621 U OF LOUISVILLE	GP/GER L 40 46 47 919 835-3525	GULLEY, PAUL HUDSON 180-B PARKWOOD DR. ELKIN 28621 BOWMAN GRAY	IM/END AC 78 81 84 919 748-2011	LAWRENCE, BENJAMIN JONES, JR. 813 ROCKFORD ST. PO BOX 72 MOUNT AIRY 27030 JEFFERSON	GS/PS AC 47 47 48 919 786-7871
CROWE, JAMES EARL RADIOLOGY DEPT. NORTHERN HOSP. OF SURRY CO. MOUNT AIRY 27030 BOWMAN GRAY	DR AC 66 66 73 919 789-9541	HALL, JAMES GRAYSON P. O. BOX 158 DOBSON 27017 U OF NC	FP AC 57 57 63 919 386-8270	LEVINE, MAX PHILLIP 180 N. PARKWOOD MED. CENT. ELKIN 28621 CHICAGO MED SCH	GS/CDS AC 68 70 80 919 835-7600
CROWE, JOHN ALBERT, JR HOOTS MEM. HOSPITAL BOX 68 YADKINVILLE 27055 MED COLL OF GA	GS AC 67 68 74 919 689-3111	HALL, JOHN MOIR 357 IVY CIRCLE ELKIN 28621 U OF VIRGINIA	GP L/RT 42 47 47 919 835-4534	MATTHEWS, MARJORIE E.F. P. O. BOX 667 PILOT MOUNTAIN 27041 BOWMAN GRAY	FP AC 61 61 65 919 368-4198
		HALL, LOCKSLEY S. L.C. HOOTS MEMORIAL HOSPITAL YADKINVILLE 27055 BOWMAN GRAY	GS AC 59 59 61 919 679-2041		

86. SURRY-YADKIN COMPONENT SOCIETY (Continued)

MCGRATH, JAMES STUART	FP AC	SIMMONS, JIMMIE DALE	PH /FP AC	TAYLOR, VERNON WILLIAMS, JR.	FP L
EAST BEND FAMILY PRACTICE	80 80 84	SURRY COUNTY HEALTH DEPT.	57 57 61	815 N. BRIDGE STREET	38 38 41
P. O. BOX 126		PO BOX 1062		ELKIN 28621	
EAST BEND 27018		DOBSON 27017		JEFFERSON	919 835-3425
TULANE U	704 699-3936	BOWMAN GRAY	919 374-2131	TETA, JOSEPH MICHAEL	GP AC
MCNEILL, CLAUDE ACKLE, JR.	FP L/RT	SMITH, ROBERT LEE	PTH AC	P. O. BOX 242	38 38 74
248 DUTCHMAN CREEK RD.	43 43 48	320 ROBIN ROAD	64 64 74	ROARING GAP 28668	
ELKIN 28621		MOUNT AIRY 27030		NEW YORK MED COL	919 363-2349
BOWMAN GRAY	919 835-3136	U OF VIRGINIA	919 789-9710	VAUGHN, TOM JIMISON, JR.	OBG AC
MERLO, RICHARD BARTLETT	R /NM AC	STABLER, CAREY VASTINE	EM /IM AC	708 S. SOUTH ST.	75 78 85
773 BROOKWOOD DRIVE	61 61 67	NORTHERN HOSP.-SURRY CO.	62 62 74	MOUNT AIRY 27030	
ELKIN 28621		MOUNT AIRY 27030		U OF VIRGINIA	919 786-4522
DUKE	919 835-3722	U OF ARKANSAS	919 789-9541	WATERS, DEAN GALE	OBG AC
PERRY, HENRY BAKER, JR.	GYN L/RT	STUART, HAL MARTIN	FP AC	708 S. SOUTH STREET	56 64 65
477 HAWTHORNE RD.	43 43 47	180-C PARKWOOD DRIVE	56 56 61	MOUNT AIRY 27030	
ELKIN 28621		ELKIN 28621		JOHNS HOPKINS	919 786-4522
U OF MARYLAND	919 835-6183	BOWMAN GRAY	919 835-3613	WOOD, WILLIAM LUPTON, SR.	GP L/RT
RIDGWAY, ALTON H.	AN /FP AC	SYKES, CHARLES LOUIS	FP /IM L	P. O. BOX 367	45 45 47
RFD #3, BOX 34-I	42 43 84	P. O. BOX 590	38 38 39	YADKINVILLE 27055	
EAST BEND 27018		MOUNT AIRY 27030		BOWMAN GRAY	919 679-8689
INDIANA U	919 699-8283	GEORGETOWN U	919 786-6105		
ROBERTSON, CHARLES G., JR.	FP /IM AC				
815 ROCKFORD STREET	54 54 56				
MOUNT AIRY 27030					
U OF NC	919 786-7107				

87. SWAIN COMPONENT SOCIETY

OFFICERS—**President:** Harold L. Bacon, M.D., 947 Richmond St., Bryson City 28713 (704 488-2105)**Secretary:** Kenneth M. Mathiesen, M.D., 960 Plateau St., Bryson City 28713 (704 488-6844)

BACON, HAROLD LYLE	GP L	MATHIESEN, KENNETH MARLIN	FP /A L	MITCHELL, WILLIAM E.	GS /GP AC
948 RICHMOND	34 35 36	960 PLATEAU ST.	38 38 39	P. O. BOX 760	45 50 50
BRYSON CITY 28713		BRYSON CITY 28713		BRYSON CITY 28713	
NORTHWESTERN U	704 488-2105	LOMA LINDA U	704 488-6844	U OF TENNESSEE	704 488-2283
CUNNINGHAM, EDWARD RAY	GS /GP AC				
P. O. BOX 760	75 80 84				
BRYSON CITY 28713					
U OF NC	704 488-2283				

88. TRANSYLVANIA COMPONENT SOCIETY

OFFICERS—**President:** Ora J. Wells, M.D., 103 Pine St., Brevard 28712**Secretary:** Sam Brandt, M.D., P.O. Box 548, Rosman 28712**Executive Secretary:** Donna Franks, P.O. Box 1116, Brevard 28712 (704 884-9111)

CHRISTIANSON, DANA J.	OPH AC	GASQUE, MAC ROY	OM /PH L	RYAN, ALBERT OLEN, JR.	OM AC
102 WATER OAK SUITES	81 85 87	5 FORTUNE COVE RD.	44 47 47	P. O. BOX 200	47 61 62
BREVARD 28712		BREVARD 28712		PISGAH FOREST 28768	
VANDERBILT U	704 884-7320	U OF VIRGINIA	704 884-2503	U OF CINCINNATI	704 877-2806
COLLINGS, GILBEART H., JR.	OM /PM AC	HAWK, ROBERT JOE	OBG AC	SANDERS, JAMES HENRY, JR.	FP /GER AC
5533 NATOMA DR.	41 41 86	1220 ASHEVILLE HIGHWAY	65 65 79	P. O. BOX 389	51 52 53
FT. MYERS, FL 33907		BREVARD 28712		BREVARD 28712	
EMORY U	704 885-2854	EMORY U	704 883-8115	MED U OF SC	704 884-9362
DUNKELBERG, RAY HAMILTON	IM /NEP AC	HENDEL, ROBERT CHARLES	GS AC	TYSON, JAMES WILLIAM	FP AC
NEWLAND MED. BLDG.	67 67 76	MEDICAL PARK DR., BLDG #1	72 73 85	NEWLAND MEDICAL BUILDING	66 68 70
BREVARD 28712		BREVARD 28712		BREVARD 28712	
MED U OF SC	704 884-9030	U OF CONNECTICUT	704 884-2198	U OF TEXAS	704 884-9030
DUVALL, PAUL BRANDON	FP AC	LEFLER, CHARLES	IM AC	WELLS, MARIUS HUGHEY	GS AC
NEWLAND MED. BLDG.	80 80 77	WATER OAKES SUITES	70 70 85	NEWLAND MED. BLDG.	52 53 59
GALLIMORE ROAD		BREVARD 28782		11 GALLIMORE RD.	
BREVARD 28712		U OF NC	704 884-4134	BREVARD 28712	
U OF NC	704 884-9030	NEWLAND, CHARLES LOGAN	FP L/RT	MED U OF SC	704 884-9030
FOLGER, JOHN RUSSELL, JR.	FP /PH AC	104 WOODSIDE DR.	27 28 32		
207 E. MAIN ST.	53 53 57	BREVARD 28712			
BREVARD 28712		MED COLL OF VA	704 883-2156		
BOWMAN GRAY	704 966-9633				

90. UNION COMPONENT SOCIETY

OFFICERS—**President:** John Vick, M.D., 808 Circle Dr., Monroe 28110 (704 289-5443)**Secretary:** Paul N. Erckman, M.D., 1307-B. E. Franklin St., Monroe 28110 (704 283-1515)

ABDA, SANDRA MARIE	ORS AC	BARRINGER, PHIL LOUIS	GS L	CATTIE, JOHN VINCENT	GS /CDS AC
701 ROOSEVELT BLVD., BLDG 600	73 74 79	P. O. BOX 968	42 42 46	106 E. PHIFER STREET	74 75 83
MONROE 28110		MONROE 28110		MONROE 28110	
MED COLL OF PENN	704 289-4595	JEFFERSON	704 283-2738	JEFFERSON	704 289-8528
AUSTIN, ROBERT GRAY, JR.	OPH AC	BOWER, EDWARD BIRCH	GS AC	COOK, DONALD EUGENE, JR.	FP AC
1410 FRANKLIN ST., EAST	70 70 77	900 SUNSET DR.	70 71 77	808 CIRCLE DR.	81 83 84
MONROE 28110		MONROE 28110		UNION FAMILY PRACTICE, PA	
BOWMAN GRAY	704 289-5455	JEFFERSON	704 289-2561	MONROE 28110	
				BOWMAN GRAY	704 289-5443

90. UNION COMPONENT SOCIETY (Continued)

DESKINS, WILLIAM CYPHERS 1420 E. FRANKLIN ST. MONROE 28110 BOWMAN GRAY	FP AC 62 62 66 704 289-8427	IPAPO, VIRGILIO SORIANO 1309 E. FRANKLIN ST. MONROE 28110 U OF SANTO TOMAS	GS /VS AC 71 71 86 704 289-3024	RUSSELL, DAVID NORMAN MARSHVILLE MED. CTR. OLD HIGHWAY 74 MARSHVILLE 28103	AC 80 81 80 704 624-6688
ELBER, ERWIN RICHARD 1501 E. FRANKLIN STREET MONROE 28110 TUFTS U	OTO AC 69 70 79 704 289-9415	JEWELL, GARY WELCH 1408 FRANKLIN STREET MONROE 28110 U OF LOUISVILLE	OBG AC 71 74 77 704 289-2553	SALVAGGIO, MARK ANTHONY 900 SUNSET DR. MONROE 28110 HAHNEMANN	GS /VS AC 80 80 86 704 289-2561
EVANS, DAVID ARNOLD 1408 E. FRANKLIN ST. MONROE 28110 U OF NC	OBG AC 67 67 72 704 289-2553	KING, JOSEPH JOHN, JR. 701 ROOSEVELT BLVD., BLDG.600 MONROE 28110 JEFFERSON	ORS AC 73 73 84 704 289-4595	SNYDER, ALEXANDER BENJAMIN 1420 E. FRANKLIN ST. MONROE 28110 ALBANY MED COLL	IM AC 65 65 77 704 289-8427
FRIEDRICH, THOMAS CHARLES 1104 OAK HILL DR. MONROE 28110 INDIANA U	ORS AC 79 79 86 704 289-4595	KITCHIN, ALVIN PAUL, JR. 1404 E. FRANKLIN STREET MONROE 28110 BOWMAN GRAY	FP AC 62 62 67 704 289-8724	SOWDEN, RICHARD GUY 1503 E. FRANKLIN STREET MONROE 28110 JEFFERSON	U AC 70 72 79 704 289-5402
GREENBERG, WILLIAM ROGER P. O. BOX 2188 MONROE 28110 U OF TEXAS	AN AC 71 71 83 704 289-3247	LEE, FRANCIS BROWN 501 S. CHURCH ST. PO BOX 457 MONROE 28110 MED COLL OF VA	GS L/RT 43 51 52 704 283-4324	STEWART, FRANCIS ASBURY 102 E. MARSHVILLE BLVD. MARSHVILLE 28103 U OF NC	FP AC 55 55 56 704 624-5889
GREENE, JOSEPH ELMO 303 OLD HIGHWAY 74 MARSHVILLE 28103 MED COLL OF GA	GP /OM AC 49 61 62 704 624-2125	MACDONALD, DONALD EWAN 1310 MCCRAY STREET MONROE 28110 U OF ST ANDREWS	P AC 48 53 54 704 289-5431	TAYLOR, JIMMY LYNN BOX 989 MONROE 28110 BOWMAN GRAY	FP AC 62 62 66 704 283-1521
GREENE, PHILLIP 603 E. ROOSEVELT BLVD. MONROE 28110 MED U OF SC	GP AC 82 82 86 704 283-8193	OLEEN, GEORGE GERHARD 103 S. HAYNE STREET MONROE 28110 U OF KANSAS	FP /IM L 39 46 48 704 283-6622	TAYLOR, RICHARD ALLEN 901 OAK FOREST DRIVE MONROE 28110 BOWMAN GRAY	PD AC 69 69 74 704 289-2566
HAMER, EUGENE FLOYD P. O. BOX 608 MONROE 28110 MED U OF SC	GP L 41 41 46 704 283-1553	ORMAND, THOMAS LANE 1408 E. FRANKLIN ST. MONROE 28110 U OF NC	OBG AC 58 58 64 704 289-2553	WALDMAN, GARY DAVID 1307 E. FRANKLIN ST. MONROE 28110 RUSH MED COLL	D AC 77 78 83 704 289-9448
HARTNESS, JOHN FREDERICK, JR. 1307 DOVE STREET MONROE 28110 U OF NC	IM /EM AC 70 70 80 704 289-6474				

91. VANCE COMPONENT SOCIETY

OFFICERS—President: W. Beverly Tucker, M.D., Ruin Creek Rd., Henderson 27356 (919 492-3152)
Secretary: Millard W. Wester, Jr., M.D., Vance Med. Arts Bldg., Ste. A, Henderson 27356 (919 492-3152)

BERNSTEIN, DANIEL MEDICAL SERVICE BLDG. RUIN CREEK ROAD HENDERSON 27536 WAYNE STATE U	OPH AC 68 69 77 919 492-8021	HOLT, THOMAS 209 FAIRVIEW STREET WARRENTON 27589 MED COLL OF VA	OPH /OTO L 38 38 48 919 257-3746	PETROU, HOMER DONALD RUIN CREEK ROAD HENDERSON 27536 U OF CINCINNATI	GS AC 58 58 75 919 438-5755
BOYD, JOSEPH ALSTON, JR. 1909 PARKER LANE HENDERSON 27536 MED COLL OF VA	R L/RT 45 51 52	JONES, HARVEY MICHAEL ROUTE #3, BOX 25W WASHINGTON U	PTH /CLP AC 66 66 76 919 492-4477	REDDY, PUTLUR RAMACHANDRA MEDICAL ARTS BUILDING RUIN CREEK ROAD HENDERSON 27536 OSMANIA MED COLL	IM /ON AC 62 72 77 919 492-6127
BURWELL, WALTER BRODIE 317 ORANGE STREET HENDERSON 27536 TULANE U	IM L 41 45 46 919 438-5619	KAPLOWITZ, GARY L. RUIN CREEK ROAD MEDICAL SERVICE BLDG. HENDERSON 27536 AUTONOMA U	ORS AC 78 79 84 919 438-3186	RENNICK, JOHN H., JR. PO BOX 425 MANSON 27553 U OF NC	FP AC 82 83 87 919 456-2181
CALLAHAN, JOSEPH BRODHEAD MEDICAL ARTS BUILDING HENDERSON 27536 U OF PITTSBURGH	OBG AC 68 75 76 919 492-8576	MAYO, JOSEPH DIXON, JR. MEDICAL SERVICES BLDG. RUIN CREEK RD. HENDERSON 27536 U OF PENN	FP AC 49 49 50 919 438-3155	ROLLINS, CHARLES DICK 507 GRANITE STREET HENDERSON 27536 U OF PENN	GP L 35 35 39 919 438-7263
CATHCART, CORNELIUS FITZHAROLD MARIA PARHAM HOSPITAL HENDERSON 27536 U OF NC	PD AC 76 76 83 919 492-9565	MCCASKILL, SAMUEL GAULT, JR. RUIN CREEK ROAD HENDERSON 27536 BAYLOR	OBG AC 73 73 84 919 492-8576	SMITH, BERNARD MICHAEL VANCE MEDICAL ARTS BLDG. RUIN CREEK ROAD HENDERSON 27536 U OF KENTUCKY	VS /GS AC 74 76 86 919 438-2070
CHARLTON, LEI SHERRIE HEALTHCO INC. PO BOX 425 MANSON 27553 MEHARRY MED COLL	IM AC 81 83 87 919 456-2181	MEADOR, PHILIP D., JR. MEDICAL SERVICE BLDG. RUIN CREEK ROAD HENDERSON 27536 U OF NC	D AC 71 71 86 919 492-2123	TUCKER, GEORGE REGINALD, JR. RUIN CREEK RD. STE. A HENDERSON 27536 U OF NC	FP AC 55 55 59 919 492-3152
DRAKE, WILTON RODWELL, JR. VANCE MEDICAL ARTS CENTER HENDERSON 27536 U OF NC	FP AC 72 72 76 919 492-3152	MILLS, JOHN FRANKLIN RUIN CREEK ROAD HENDERSON 27536 BOWMAN GRAY	FP AC 82 84 85 919 492-3152	TUCKER, WILLIAM BEVERLY RUIN CREEK ROAD HENDERSON 27536 U OF NC	FP AC 66 66 71 919 492-3152
GOODWIN, JAMES OSCAR MEDICAL ARTS BUILDING RUIN CREEK ROAD HENDERSON 27536 U OF NC	OBG AC 70 70 76 919 492-8576	MILLS, RANDOLPH DENNIS RUIN CREEK RD. MEDICAL ARTS CTR. HENDERSON 27536 BOWMAN GRAY	FP AC 51 51 52 919 492-3152	VIJAYA, LINGA RUIN CREEK ROAD HENDERSON 27536 ANDHIA MED COLL	U AC 61 61 77 919 492-8711
GREEN, JAMES PRESTON 176 BECKFORD DRIVE HENDERSON 27536 MEHARRY MED COLL	FP AC 55 59 65 919 492-2161	PARHAM, SUMNER MALONE 973 MEADOW LANE HENDERSON 27536 U OF MARYLAND	GYN /OBS L/RT 45 45 52 919 438-3751	WESTER, MILLARD WINSTON, JR. VANCE MED. ARTS BLDG. #A HENDERSON 27536 DUKE	FP AC 52 52 54 919 492-3152
HOLT, JAMES DAVID 308 WILCOX ST. WARRENTON 27589 U OF MARYLAND	FP AC 82 82 87 919 257-3141				

92. WAKE COMPONENT SOCIETY

OFFICERS—President: Leon F. Woodruff, Jr., M.D., 2800 Blue Ridge Rd., #512, Raleigh 27607 (919 781-5510)
Secretary: Frederick C. Heaton, M.D., 3805 Computer Dr., Raleigh 27609 (919 781-6200)
Executive Secretary: Annette Boutwell, P.O. Box 10387, Raleigh 27605 (919 821-2226)

ADELMAN, RICHARD D. 7320 SIX FORKS RD. STE. 260 RALEIGH 27615 NORTHWESTERN U 919 846-9292	FP AC 75 76 86	BARRICK, HARRY W., JR. 1900 HIGHLAND PL. RALEIGH 27607 DUKE 919 787-4429	FP AC 57 57 59	BOERNER, DAVID FRANKLIN 3100 BLUE RIDGE RD. STE. 300 RALEIGH 27612 PENN STATE U 919 781-7500	IM /PUD AC 76 76 81
AHMAD, WAHAJ DIN 121 EDINBURGH SOUTH, STE. 210 CARY 27511 KING EDWARD COLL 919 469-2010	N /IM AC 57 57 74	BARRINGER, THAD JONES 3900 BROWNING PL., STE. 201 RALEIGH 27609 VANDERBILT U 919 787-7125	P AC 53 57 59	BOLDING, WILLIAM ROBERT 2032 THORPSHIRE DR. RALEIGH 27609 U OF NC 919 755-8000	AN AC 81 83 80
ALDERMAN, ALLISON M., JR. 242 BRYAN BLDG. CAMERON VILLAGE RALEIGH 27605 BOWMAN GRAY 919 832-1205	FP AC 46 47 52	BARRINGER, THADDEUS JONES, JR. 3900 BROWNING PL., STE. 201 RALEIGH 27609 TULANE U 919 787-7125	P AC 78 78 83	BOONE, STEPHEN CHRISTOPHER 3009 NEW BERN AVE. PO BOX 14027 RALEIGH 27620 DUKE 919 832-4448	NS /EM AC 65 65 78
ALLEN, CYRIL ANTHONY P. O. BOX 14005 RALEIGH 27620 U OF NC 919 828-3466	IM /HEM AC 74 76 80	BARTELS, GEORGE THOMAS 1201 AVERSBORO ROAD GARNER 27529 DUKE 919 779-6330	FP /NTR AC 78 80 80	BOSSE, HELEN HALL P. O. BOX 10502 RALEIGH 27605 MED COLL OF VA 919 733-2732	AN AC 50 53 55
ALLEN, LEROY 3009 NEW BERN AVE. PO BOX 14027 RALEIGH 27620 BOWMAN GRAY 919 832-4448	NS AC 46 47 55	BATTLE, CONSTANCE Y. 3613 HAWORTH DR. RALEIGH 27609 U OF MIAMI 919 781-5550	OBG AC 82 86 87	BRADSHAW, PRESTON HATCHER, JR. 1200 KERSHAW DR. RALEIGH 27609 DUKE 919 876-4323	U AC 60 60 67
ALLEN, LOUIS DAVID 3001 ESSEX CIRCLE RALEIGH 27608 MED COLL OF GA 919 782-0021	PD AC 78 81 84	BECK, PAUL VIRGINIA MASON CLINIC 1100 NINTH AVE. SEATTLE, WA 98101 U OF COLORADO 206 223-6707	GER /IM AC 61 62 81	BRANAMAN, GUY HEWITT, JR. 915 WILLIAMSON DR. RALEIGH 27608 MED COLL OF VA 919 833-4080	GYN L/RT 39 47 47
ALLEN, ROBERT LEE 3009 NEW BERN AVE. PO BOX 14027 RALEIGH 27620 BOWMAN GRAY 919 832-4448	NS AC 79 79 85	BECKER, DENIS I. 3410 EXECUTIVE DR., SUITE 205 RALEIGH 27609 U OF KENTUCKY 919 876-7692	END /IM AC 72 72 77	BRASHEAR, RALPH GUY P. O. BOX 827 WENDELL 27591 OHIO STATE U 919 365-7366	FP AC 60 61 61
ANDREW, WALLACE F., JR. 3515 GLENWOOD AVE. PO BOX 10707 RALEIGH 27605 U OF VIRGINIA 919 781-5600	ORS /HS AC 75 81 82	BELLAMY, WILLIAM EDWARD, JR. 3101 ESSEX CIRCLE RALEIGH 27608 BOWMAN GRAY 919 782-2631	IM /PUD AC 47 48 60	BRITT, BENJAMIN EARL 1004 DRESSER COURT, STE. 108 RALEIGH 27609 DUKE 919 876-0287	P AC 55 55 60
ANDRUS, THOMAS ROSS, JR. 6104 VALLEY FIELD CIRCLE RALEIGH 27612 U OF NC 919 782-3782	D AC 78 82 76	BENSEN, VLADIMIR BASIL 422 ST. MARY'S STREET RALEIGH 27605 NEW YORK MED COL 919 832-6855	FP /GS L 46 49 49	BROWN, DANIEL ELMER 3001 ESSEX CIRCLE RALEIGH 27608 U OF NC 919 782-0021	PD AC 65 65 70
ARANA, GUILLERMO FERNANDO 975 WALNUT ST., STE. 255 CARY 27511 U OF SAN SIMON 919 467-4141	FP /PTH AC 62 63 75	BENSON, JOHN DEWITT 4420 LAKE BOONE TRAIL RALEIGH 27607 U OF NC 919 755-3040	PTH AC 78 79 82	BRUGGERS, BARRY ALAN 121 EDINBURGH SOUTH, #103 CARY 27511 LA STATE U 919 467-5941	OBG AC 79 80 84
ARCHIE, JOSEPH PATRICK, JR. 3020 NEW BERN AVE. #560 RALEIGH 27610 U OF NC 919 781-5335	CDS AC 68 68 82	BERRY, WILLIAM ROSSER PO BOX 30098 RALEIGH HEM/ONCOLOGY CLI. RALEIGH 27622 DUKE 919 781-7070	ON /HEM AC 74 78 79	BUCHIN, DAVID LEE 14212 CROSS CREEK ROAD RALEIGH 27614 ST U OF NY-BUFF 919 876-8333	EM /P AC 66 67 81
ASHBURN, PHILIP EUGENE 3100 BLUE RIDGE RD. #300 RALEIGH 27612 BOWMAN GRAY 919 781-7500	IM /GE AC 74 74 78	BETHEL, MILLARD BAIMBRIDGE 25 BANBURY LANE CHAPEL HILL 27514 U OF TENNESSEE 919 929-5606	PH L/RT 36 36 39	BUGG, CHARLES PAULETT DIV. OF SOCIAL SERVICE-DDS PO BOX 243 RALEIGH 27602 JOHNS HOPKINS 919 733-4484	PD AC 51 51 57
ASKEW, ANNE PRESTON 4016 BARRETT DR., STE. 101 RALEIGH 27609 DUKE 919 781-2438	PD AC 56 56 65	BETTS, WILMER CONRAD 3125 GLENWOOD PROF. VILLAGE RALEIGH 27608 DUKE 919 782-0166	P AC 48 50 56	BURROUGHS, FREDERICK DOUGLAS 100 SUNNYBROOK ROAD, STE. 202 RALEIGH 27610 MEHARRY MED COLL 919 821-3180	PD AC 66 69 75
ATKINSON, ALVAN WILLIAM 3400 EXECUTIVE DR. STE. 102 RALEIGH 27609 JEFFERSON 919 872-8080	CDS /TS AC 71 74 80	BILBRO, ROBERT HODGES 3521 HAWORTH DR. RALEIGH 27609 U OF NC 919 782-1806	IM /CD AC 66 66 72	BURROUGHS, PAUL LEACH, JR. 3410 EXECUTIVE DRIVE RALEIGH 27609 U OF NC 919 872-5296	ORS AC 66 66 71
AUMAN, GEORGE LOUIS 3900 BROWNING PLACE RALEIGH 27609 BOWMAN GRAY 919 787-0266	PD AC 68 68 73	BISHOP, JOHN MASON, JR. 2800 BLUE RIDGE BLVD. STE. 206 RALEIGH 27607 MED COLL OF VA 919 781-7450	OBG AC 57 61 61	BURROUGHS, RUTH REUBEN 6413 MARGATE COURT RALEIGH 27612 U OF NEBRASKA 919 781-5015	PH /PD RT 37 37 69
AVERY, FRANK WALTON RALEIGH COMMUNITY HOSP. PO BOX 28280 RALEIGH 27611 U OF NC 919 872-4800	PTH AC 67 67 74	BLACKLEY, ROY JACKSON 325 N. SALISBURY STREET RALEIGH 27611 MCGILL U 919 733-4506	P /GPM AC 53 53 54	BURTON, EARL EDWARD, JR. 3900 BROWNING PLACE RALEIGH 27609 MED COLL OF VA 919 782-2735	D /IM AC 68 70 73
BAKER, JOHN HARRISON WILLIAMSBURG, VA 0000 U OF NC 919 872-4800	OBG AC 74 74 79	BLAKE, GERALD WAYNE 3521 HAWORTH DR. RALEIGH 27609 U OF NC 919 782-1806	IM /ID AC 67 67 75	BURTON, LEROY MELVIN 100 SUNNYBROOK RALEIGH 27610 MEHARRY MED COLL 919 821-1710	IM AC 69 69 77
BALLOCH, MOHAMMAD HAROON 2800 BLUE RIDGE BLVD. STE. 402 RALEIGH 27607 KING EDWARD COLL 919 787-0486	FP AC 70 70 82	BLUMENTHAL, BARRY HOWARD 3125 GLENWOOD PROF. VILLAGE RALEIGH 27608 MED COLL OF VA 919 782-0166	P AC 81 83 85	BYRUM, CLIFFORD CONWELL 2800 BLUE RIDGE RD., STE. 301 RALEIGH 27607 JEFFERSON 919 782-0124	GYN L 43 43 46
BARISH, CHARLES FRANKLIN 3100 BLUE RIDGE RD., STE. 300 RALEIGH 27612 U OF FLORIDA 919 748-4601	IM /GE AC 80 81 85	BOARD, ROBERT JEFFREY 3320 EXECUTIVE DR. STE. 111 RALEIGH 27609 DUKE 919 876-2427	OPH AC 74 77 84	CAMP, THOMAS FRANCIS, JR. 2800 BLUE RIDGE, STE. 205 RALEIGH 27607 EMORY U 919 782-0414	IM /CD AC 62 62 69

92. WAKE COMPONENT SOCIETY (Continued)

CAMPBELL, DONALD BARNES 3100 BLUE RIDGE RD. RALEIGH 27612 U OF ALABAMA	IM AC 71 72 76 919 781-7500	COMBS, JOSEPH JOHN 335 SPRINGMOOR DR. RALEIGH 27615 COLUMBIA U	IM /PUD L/RT 26 26 29 919 848-7335	DEMARIA, WILLIAM JOHN PO BOX 2291 DURHAM 27702 DUKE	PD AC 48 50 67 919 493-8256
CANNON, WOODWARD 2800 BLUE RIDGE BLVD. STE. 305 RALEIGH 27607 HARVARD	GS AC 70 72 78 919 781-7416	COOK, CHARLES ALVIN 1108 DRESSER COURT RALEIGH 27609 TUFTS U	NEP /IM AC 75 77 82 919 872-8550	DETWEILER, DONALD GENE 2017 LANDINGS WAY RALEIGH 27615 EMORY U	DR AC 78 80 83 919 783-3023
CARBONELL, ANTONIO MIGUEL 3320 EXECUTIVE DR. STE. 222 RALEIGH 27609 GEORGETOWN U	PS AC 69 70 85	COPELAND, DANA DERWARD 10004 GRADY CIRCLE RALEIGH 27609 DUKE	PTH AC 72 73 79 919 755-8260	DEWAR, WILLIAM BANKS C/O J. HOPKINS DECEASED-5-3-87 ROCKY MOUNT, VA 24151 U OF PENN	IM L 20 20 23 703 483-9468
CARR, MARJORIE BARNWELL 2800 BLUE RIDGE BLVD., STE. 501 RALEIGH 27607 U OF NC	PD AC 76 76 73 919 781-7490	CORNWALL, THOMAS PAUL 2501 NORTH ST., STE. 330 RALEIGH 27607 NORTHWESTERN U	PYA /CHP AC 70 72 83 919 782-4954	DIAB, ALBERT JOSEPH 3801 COMPUTER DRIVE RALEIGH 27609 U OF NC	IM AC 54 54 59 919 787-5217
CASTELLOE, THOMAS EDISON P. O. BOX 10707 RALEIGH 27605 U OF NC	ORS AC 56 56 61 919 781-5600	CORPENING, ALBERT NEWTON 141 E. MAIN ST. PO BOX 158 YOUNGSHIRE 27596 BOWMAN GRAY	FP AC 55 55 58 919 556-2126	DORFMAN, MARGARET JEANNE DOROTHEA DIX HOSP.-PSY. RALEIGH 27611 TUFTS U	P AC 77 81 82 919 733-9917
CAVANAUGH, PATRICK JOSEPH 4420 LAKE BOONE TRAIL RALEIGH 27607 ST LOUIS U	TR AC 51 51 71 919 783-3018	COURIE, MAURICE NICKOLA 3145 ESSEX CIRCLE RALEIGH 27608 DUKE	GYN AC 59 59 66 919 782-3698	DUNLAP, WILLIAM MARSHALL 3521 HAWORTH DR. RALEIGH 27609 DUKE	ON /IM AC 65 65 73 919 782-1806
CAVINESS, VERNE STRUDWICK 913 VANCE STREET RALEIGH 27608 JEFFERSON	CD /IM L/RT 21 21 26 919 832-4258	COVINGTON, CONNELL 100 SUNNYBROOK RD. STE. 202 RALEIGH 27610 U OF NC	PD /GP AC 76 78 79 919 821-3180	DURFEE, MICHAEL FULK WAKE TEEN MEDICAL SERVICES 619 OBERLIN RD. RALEIGH 27605 U OF VIRGINIA	ADL /PD AC 63 63 78 919 828-0035
CELLA, JOHN ROBERT P. O. BOX 19509 RALEIGH 27619 U OF NC	R AC 64 64 70 919 833-1407	COXE, JAMES SHERWOOD, III 3410 EXECUTIVE DRIVE RALEIGH 27609 U OF NC	END /IM AC 71 71 79 919 876-7692	EASTWOOD, FREDERICK THOMAS P. O. BOX 30203 RALEIGH 27622 TEMPLE U	PD L/RT 44 51 52 919 787-1961
CHAMBLEE, HUBERT ROYSTER, JR. 20 ENTERPRISE STREET RALEIGH 27607 DUKE	OPH AC 60 60 67 919 829-1948	CRITTENDEN, SUSAN LAWRENCE 103 BAINES CT. CARY 27511 U OF NC	IM AC 81 82 86 919 467-6125	EDMUNDSON, WARNER L. WELLS 3900 BROWNING PLACE RALEIGH 27609 U OF NC	IM AC 80 80 77 919 781-9650
CHARLTON, OLIVER PATRICK 4420 LAKE BOONE TRAIL RALEIGH 27607 U-WITWATERSRAND	DR AC 54 77 77 919 755-3023	CURRIN, JOE BADGETT, JR. 500 N. ENNIS STREET FUQUAY-VARINA 27526 BOWMAN GRAY	IM AC 61 61 65 919 552-2275	EDWARDS, ELMO STEPHEN 2800 BLUE RIDGE BLVD., STE. 501 RALEIGH 27607 DUKE	PD AC 63 63 68 919 781-7490
CHASSON, ALBERT LEON REX HOSPITAL RALEIGH 27607 U OF CINCINNATI	PTH AC 54 62 62 919 755-3058	DAMERON, THOMAS BARKER, JR. P. O. BOX 10707 RALEIGH 27605 DUKE	ORS AC 47 53 54 919 781-5600	EDWARDS, GEORGE S., JR. 3410 EXECUTIVE DR. RALEIGH 27609 U OF NC	HS /ORS AC 78 79 85 919 872-5296
CHATTERJEE, BENU 4940-C NORTH BLVD. RALEIGH 27604 MYSORE U	IM AC 80 84 85 919 878-3838	DANIEL, THOMAS BRANTLEY 110 SELMA RD. PO BOX 845 WENDELL 27591 BOWMAN GRAY	U L/RT 43 43 52 919 365-5550	EDWARDS, GEORGE SADLER, SR. 3410 EXECUTIVE DRIVE RALEIGH 27609 U OF NC	ORS AC 57 57 62 919 872-5296
CHAUDHRY, ABDUL GHAFOOR 2800 BLUE RIDGE BLVD. STE. 306 RALEIGH 27607 KING EDWARD COLL	CDS /GS AC 70 70 82 919 782-7900	DANIEL, WALTER EUGENE 312 BUNCOMBE STREET RALEIGH 27609 U OF NC	AN AC 79 79 76 919 832-7988	EDWARDS, JAMES RONALD ROUTE #7, BOX 210-E RALEIGH 27614 U OF NC	PTH AC 58 58 72 919 755-8260
CHEELY, GEORGE RAYBURN 3020 NEW BERN AVE., STE. 420 RALEIGH 27610 U OF PENN	CD /IM AC 74 77 79 919 781-7557	DASCOMB, HARRY EMERSON 3000 NEW BERN AVENUE RALEIGH 27610 U OF ROCHESTER	IM /ID AC 43 43 81 919 755-8520	EGERTON, COURTNEY DAVID P. O. BOX 18568 RALEIGH 27619 U OF LOUISVILLE	GYN AC 46 47 54 919 782-1273
CHIARAMONTI, ALEXANDER 101 CARY PKWY. SW, #210 CARY DERMATOLOGY CTR. CARY 27511 U OF MICHIGAN	D AC 76 76 77 919 467-8556	DAVIDIAN, VARTAN AMBAR, JR. 1112 DRESSER COURT RALEIGH 27609 U OF NC	PS /GS AC 67 67 75 919 872-2616	EMERY, DARYL CHARLES 1212 CEDARHURST DR. RALEIGH 27615 BOWMAN GRAY	IM /CD AC 81 82 86 919 872-4850
CHIAVETTA, STEPHEN VICTOR 4420 LAKE BOONE TRAIL RALEIGH 27607 M C OF WISCONSIN	PTH /HEM AC 69 70 77 919 755-3040	DAVIS, ARTHUR EMERSON, JR. 1209 COWPER DRIVE RALEIGH 27608 U OF MINN	PTH /A AC 53 62 63 919 833-9839	EPNER, RONALD ALAN 101 S.W. CARY PARKWAY CARY 27511 CORNELL U	ORS /HS AC 76 81 83 919 467-4992
CLINE, WILLIAM TUCKER 3400 EXECUTIVE DRIVE RALEIGH 27609 DUKE	GS /CDS AC 78 79 83 919 876-2732	DAVIS, DWIGHT GROOME, JR. 5825 MAPLE RIDGE RD. RALEIGH 27609 JEFFERSON	GS /TS AC 54 61 61 919 876-3671	ESHELMAN, THOMAS CARL 8512 BOURNEMOUTH DR. RALEIGH 27615 BOWMAN GRAY	R AC 67 68 75 919 755-3023
COFFER, BERTRAM WATTS P.O. BOX 18139 2800 BLUE RIDGE RD. STE. 204 RALEIGH 27619 U OF NC	AN AC 69 69 76 919 781-7420	DAVIS, JAMES HOWELL 2800 BLUE RIDGE BLVD., STE 306 RALEIGH 27607 U OF KANSAS	CDS /TS AC 54 65 66 919 782-7900	EURE, CHARLES ALLAN 3521 HAWORTH DR. RALEIGH 27609 U OF NC	IM AC 67 67 73 919 782-1806
COLLMAN, MITCHELL SCOTT PO BOX 17569 RALEIGH 27619 ALBANY MED COLL	CD /IM AC 79 80 84 919 783-5273	DEBNAM, GEORGE CLYDE 524 S. BLOUNT STREET RALEIGH 27601 MEHARRY MED COLL	GP /OBS AC 51 51 71 919 832-1667	EVANS, WALLACE NICKLES, II 121 EDINBURGH SOUTH, STE. 100 CARY 27511 U OF ALABAMA	FP AC 73 73 75 919 467-3281
COLSON, LACY ALSTON 23-G SUNNYBROOK ROAD RALEIGH 27610 HOWARD U	IM /FP AC 72 73 81 919 821-5201	DELEON, ROSEMARY ESPINO 2903 ADRIAN COURT RALEIGH 27604 FAR EAST U	AN AC 61 61 78 919 829-9550	EYSTER, JAMES M. 1028 WASHINGTON ST. PO BOX 10956 RALEIGH 27605 INDIANA U	DR AC 80 80 86 919 834-8730

92. WAKE COMPONENT SOCIETY (Continued)

FAJGENBAUM, DAVID MONIEK 3410 EXECUTIVE DRIVE RALEIGH 27619 TULANE U	ORS AC 75 75 80 919 872-5296	GASKIN, LEWIS JAMES P. O. BOX 18139 RALEIGH 27619 EMORY U	AN AC 58 61 61 919 781-7420	HARPER, ROBERT NORMENT, JR. P. O. BOX 18700 1212 CEDARHURST DR. RALEIGH 27609 BOWMAN GRAY	GE /IM AC 77 77 82 919 872-4850
FARLEY, WILLIAM WINFREE 3814 BROWNING PLACE RALEIGH 27609 MED COLL OF VA	PD AC 43 47 52 919 782-8326	GINN, WILLIAM M., JR. 2800 BLUE RIDGE, STE. 205 RALEIGH 27607 U OF NC	CD /IM AC 59 59 66 919 782-0414	HARPER, ROBERT NORMENT, SR. 3153-G GLENWOOD PROF. VILL. RALEIGH 27608 BOWMAN GRAY	P AC 51 51 53 919 782-1555
FARMER, JOHN LOVELACE, JR. 231 BRYAN BUILDING RALEIGH 27605 DUKE	D AC 55 55 62 919 828-0288	GOFF, DAVID ALBERT 7202 FALLS OF NEUSE RD. RALEIGH 27615 U OF NC	IM /PD AC 81 82 78 919 848-9911	HARRIS, ROBERT THOMAS 2800 BLUE RIDGE RD., STE. 503 RALEIGH 27607 EMORY U	IM /PYM AC 78 81 86 919 782-7500
FERDON, BENJAMIN BETHEA 3100 BLUE RIDGE BLVD., #300 RALEIGH 27612 TULANE U	IM AC 62 62 69 919 781-7500	GOLDMAN, ALAN LAWRENCE 2800 BLUE RIDGE BLVD., STE. 501 RALEIGH 27607 WASHINGTON U	PD AC 63 63 71 919 781-7490	HART, TIMOTHY BERTRAND 1212 CEDARHURST DRIVE RALEIGH 27609 MED COLL OF VA	IM /PUD AC 79 80 84 919 872-4850
FLEMING, PAUL ARTHUR 3613 HAWORTH DR. RALEIGH 27609 U OF UTRECHT	GYN /PYM AC 55 60 61 919 781-5550	GOLDSTON, WILLIAM ROBERT 2800 BLUE RIDGE BLVD., STE. 207 RALEIGH 27607 DUKE	OBG AC 63 63 73 919 781-5510	HARTZOG, HENRY GERARD, III 3814 BROWNING PLACE RALEIGH 27609 U OF NC	GS AC 62 62 69 919 781-0710
FLEMING, ROBERT HENRY 2800 BLUE RIDGE BLVD., STE 501 RALEIGH 27607 BOWMAN GRAY	PD AC 60 60 64 919 781-7490	GOODSON, JOHN PHILLIP 3814 BROWNING PLACE RALEIGH 27609 U OF NC	GS AC 63 63 75 919 781-0710	HATTAWAY, ALEXANDER C., III 3010 ANDERSON DR. PO BOX 18946 RALEIGH 27619 U OF NC	OTO /HNS AC 65 65 70 919 787-7171
FORTIER, KENNETH JOSEPH 2800 BLUE RIDGE BLVD. STE. 502 RALEIGH 27607 DARTMOUTH U	OBG AC 76 76 85 919 781-5513	GRANOVETTER, DAVID ALAN 3831 MERTON DRIVE RALEIGH 27609 YALE	RHU /AI AC 74 77 79 919 781-9633	HAYES, DAVID ALLEN 1212 CEDARHURST DRIVE RALEIGH 27609 U OF VIRGINIA	PUD /IM AC 72 72 79 919 872-4850
FOSTER, WILLIAM WADE 3320 EXECUTIVE DR., STE. 111 RALEIGH 27609 BOWMAN GRAY	OPH AC 72 72 76 919 876-2427	GRANT, GEORGE REDD, JR. 3101 ESSEX CIRCLE RALEIGH 27608 DUKE	IM AC 63 63 69 919 782-2631	HAYES, RICHARD IVAN 1100 DRESSER COURT RALEIGH 27609 OHIO STATE U	OBG AC 66 66 75 919 876-8225
FOX, POWELL GRAHAM, JR. 3320 WAKE FOREST RD. STE. 100 PO BOX 17908 RALEIGH 27609 MED COLL OF VA	U AC 52 59 60 919 790-0036	GRANT, HUGH JUDD, JR. 100 S. BOYLAN AVENUE RALEIGH 27603 U OF NC	OBG AC 69 69 75 919 832-5529	HAYNES, LAWRENCE BOWMAN 1205 KERSHAW DR. RALEIGH 27609 U OF TENNESSEE	AN AC 61 61 70 919 782-2009
FRANKLIN, EARL RUFFIN 3803-A COMPUTER DR. RALEIGH 27609 U OF NC	PD AC 73 75 76 919 782-5273	GREEN, JULIUS ALPHEUS, JR. P. O. BOX 19366 RALEIGH 27609 U OF NC	R AC 57 57 64 919 787-8221	HAYWOOD, HUBERT BENBURY, III 1212 CEDARHURST DR. PO BOX 18700 RALEIGH 27619 U OF NC	ID /IM AC 72 72 79 919 872-4850
FREEDMAN, STEVEN MITCHELL PO BOX 40999 RALEIGH 27629 U OF PENN	N AC 72 72 80 919 782-3456	GREER, THOMAS BYWATER P. O. BOX 18568 RALEIGH 27619 BOWMAN GRAY	OBG AC 54 54 61 919 782-1273	HAYWOOD, HUBERT BENBURY, JR. 2109 BANBURY ROAD RALEIGH 27608 DUKE	OPH L/RT 41 46 52 919 782-0236
FREEMAN, DOUGLAS G., JR. 3831 MERTON DRIVE RALEIGH 27609 DUKE	RHU /AI AC 68 68 77 919 781-9633	GROCE, JAMES GRAY 508 RALPH DR. CARY 27511 U OF NC	P AC 71 71 80 919 733-5540	HEATON, FREDERICK CHRISTIAN 3805 COMPUTER DR. RALEIGH 27609 U OF NC	OBG AC 72 72 76 919 781-6200
FRIEDLAND, BETH ROSENTHAL 10 PARK PLAZA, STE. 3 PO BOX 12765 RESEARCH TRIANGLE PK 27709 U OF FLORIDA	OPH /PA AC 79 80 85 919 549-9135	GROSSHANDLER, STANLEY LOUIS 1108 DRESSER CT. RALEIGH 27609 OHIO STATE U	AN AC 55 55 78 919 872-5330	HELTON, WILLIAM CHARLES 3020 NEW BERN AVE. #560 RALEIGH 27610 U OF MIAMI	CDS /TS AC 69 69 78 919 781-5335
FULGHUM, JAMES SPENCER, III 3009 NEW BERN AVE. PO BOX 14027 RALEIGH 27610 U OF NC	NS AC 71 71 77 919 832-4448	GULLEDGE, SIDNEY LOY, III 3400 EXECUTIVE DR., STE. 101 RALEIGH 27609 BOWMAN GRAY	OPH AC 76 76 82 919 878-0220	HEMMERLEIN, ARTHUR HANS 1209 RAINWOOD LANE RALEIGH 27605 ST LOUIS U	EM AC 73 74 86 919 755-3100
FULGHUM, MARY SUSAN KIRK 100 S. BOYLAN AVENUE RALEIGH 27603 U OF NC	GYN AC 71 71 77 919 832-5529	GUSTKE, SUSAN SHAW 4100 STRANAVAR PLACE RALEIGH 27612 WEST VA U	IM /HEM AC 64 70 76 919 733-5431	HENDERSON, DAVID YEARDLEY 5014 CORONADO DR. RALEIGH 27609 MED COLL OF VA	OBG AC 81 84 85 919 684-2484
GADA, PRESTON HERBERT 2800 BLUE RIDGE BOULEVARD RALEIGH 27607 MED COLL OF VA	GS /TS AC 63 68 68 919 781-7412	HAACKENSON, GARY ALVIN 3126 BLUE RIDGE RD. RALEIGH 27606 BAYLOR	OBG AC 72 72 79 919 782-3865	HENRICK, WILLIAM ROBERT RALEIGH ANES. ASSOCIATES P. O. BOX 18139 RALEIGH 27619 JEFFERSON	AN AC 71 72 80 919 781-7420
GADDY, ROBERT EDWIN, JR. 3900 BROWNING PLACE RALEIGH 27609 DUKE	IM /CD AC 59 59 59 919 781-9650	HALL, WARNER LEANDER, JR. P. O. BOX 18568 RALEIGH 27619 DUKE	OBG AC 61 61 69 919 782-1273	HICKS, CHARLES HENRY 3400 EXECUTIVE DR. RALEIGH 27609 U OF NC	CD AC 76 77 82 919 872-8920
GALLOWAY, JAMES HERVEY 2617 ROYSTER ROAD RALEIGH 27608 U OF PENN	FP L/RT 50 50 53 919 781-7547	HAMMER, DOUGLAS IRA P. O. BOX 30788 RALEIGH 27622 TUFTS U	EM /GPM AC 62 63 75 919 847-8821	HOLT, WINDSOR AUSTIN 1100 DRESSER COURT RALEIGH 27609 CASE WESTERN RES	OBG AC 64 64 71 919 876-8225
GARRABRANT, EDGAR CORNELIUS 3010 ANDERSON DR. PO BOX 18946 RALEIGH 27619 U OF NC	OTO AC 66 66 74 919 787-7171	HARDISON, CYNTHIA STOLTZE 1212 CEDARHURST DR. RALEIGH 27609 NORTHWESTERN U	IM AC 54 63 65 919 872-4850	HONEYCUTT, LATTIE FULLER P. O. BOX 17947 RALEIGH 27619 U OF NC	DR AC 67 67 76 919 872-4800
GARSIDE, WILLIAM BLAKE 1112 DRESSER COURT RALEIGH 27609 ST LOUIS U	PS AC 64 64 74 919 872-2616	HARDISON, JOSEPH H., JR. 1212 CEDARHURST DR. RALEIGH 27609 DUKE	IM /GE AC 56 56 64 919 872-4850	HORTON, ROBERT MARSHALL 3039 ESSEX CIRCLE, BLDG. A RALEIGH 27608 MED COLL OF VA	FP AC 72 73 75 919 782-2333

92. WAKE COMPONENT SOCIETY (Continued)

HOWIE, JOHN SANDALL 3129 ESSEX CIRCLE RALEIGH 27608 U OF NC	PYA /P AC 58 64 64 919 782-0616	KAHAM, MICHAEL QUSTANDI 3801 COMPUTER DR., STE. 212 RALEIGH 27609 CAIRO U	IM /ON AC 67 76 78 919 781-2643	KUSUMI, YOSHITARO 1004 DRESSER COURT, STE. 106 RALEIGH 27609 NIHON U	P /PYM AC 61 71 75 919 876-5530
HULL, KEITH LOWELL, JR. PO BOX 40999 RALEIGH 27629 DUKE	N /IM AC 75 79 82 919 782-3456	KAYYE, PAUL THOMAS 325 N. SALISBURY ST. RALEIGH 27611 U OF MIAMI	P /CHP AC 62 63 86 919 733-7011	LAMBETH, WILLIAM ARNOLD, III 1112 DRESSER COURT RALEIGH 27609 U OF NC	PS /GS AC 71 71 82 919 872-2616
HUNTER, ROBERT MERRILL 3020 NEW BERN AVE. RALEIGH 27610 BOWMAN GRAY	CDS /TS AC 78 83 78 919 833-8404	KEENER, JOSEPH KEITH 101 DUYER COURT CARY 27511 ST LOUIS U	NEP /IM AC 75 75 86 919 782-3378	LANNING, CHARLES FREDRIC 14208 ALLISON DR. RALEIGH 27614 U OF KANSAS	AN AC 69 70 74 919 832-7988
HWANG, YINNAH G. PO BOX 425 ZEBULON 27597 CHINA MED COLL	FP AC 70 84 86 919 269-4101	KEENEY, RONALD ERIC 5 MOORE DR., GLAXO, INC. RESEARCH TRIANGLE PK 27709 U OF MISSOURI	PD /ID AC 68 69 78 919 248-2568	LAPP, CHARLES WARREN 3400 EXECUTIVE DRIVE RALEIGH 27609 ALBANY MED COLL	IM /PD AC 74 74 74 919 878-0900
JACOBSON, ROBERT CARL P. O. BOX 18139 RALEIGH 27619 GEORGETOWN U	AN AC 79 84 85 919 755-3034	KELLEY, JOHN SIMPSON 3100 BLUE RIDGE RD. RALEIGH 27607 BOWMAN GRAY	IM /CD AC 74 74 78 919 781-7500	LARSON, JOHN DAVID, JR. 8100 BENTWOOD PLACE RALEIGH 27609 GEO WASHINGTON U	EM /OBG AC 43 47 59 919 755-8500
JAIN, REKHA 5813 NORTH BOULEVARD RALEIGH 27604 GANDHI MED. COLL	IM /PO AC 76 80 84 919 878-8620	KENAN, LEROY FULTON 3801 COMPUTER DRIVE RALEIGH 27609 BOWMAN GRAY	FP AC 56 56 59 919 787-0302	LEE, WILLIAM DAVID 3100 BLUE RIDGE RD., STE. 302 RALEIGH 27612 U OF NC	FP AC 74 74 77 919 782-0146
JEFFERS, ROBERT GORDON 3803 COMPUTER DR. STE. 207 RALEIGH 27609 TULANE U	PD /ADL AC 74 74 83 919 782-5273	KENNEDY, WILLARD LEE 3400 EXECUTIVE DR., STE. 201 RALEIGH 27609 BOWMAN GRAY	CD /IM AC 75 75 81 919 872-8920	LEET, DOUGLAS CHARLES 3320 WAKE FOREST RD., STE. 100 RALEIGH 27609 U OF CHICAGO	U AC 75 77 82 919 790-0036
JENKINS, ALBERT MILTON 400 SCOTLAND ST. RALEIGH 27609 U OF CINCINNATI	R AC 47 53 53 919 787-4754	KERMON, LOUIS TODD 2708 PEACHTREE ST. RALEIGH 27608 JEFFERSON	IM /CD L/RT 50 50 52 919 782-2333	LEGRAND, GORDON BUCK 3000 NEW BERN AVENUE RALEIGH 27610 U OF NC	PTH AC 65 65 72 919 755-8260
JOHNSON, ALBIN WILLARD 4000 BLUE RIDGE BLVD., STE. 409 RALEIGH 27607 DUKE	OPH AC 58 64 65 919 781-7400	KILEY, JAMES WILLIAM 3320 EXECUTIVE DR. RALEIGH 27609 U OF CINCINNATI	OPH AC 76 76 81 919 876-2427	LEHAN, LEIGH STEELE 2800 BLUE RIDGE RD., STE. 501 RALEIGH 27607 U OF NC	PD AC 81 84 86 919 781-7490
JOHNSON, CHARLES ROSS 4000 BLUE RIDGE RD. STE. 100 RALEIGH 27612 BOWMAN GRAY	P AC 65 65 70 919 781-8700	KIM, YOUNG CUE 209 W. MILLBROOK ROAD RALEIGH 27609 KOREA U	IM AC 68 75 77 919 781-5933	LEVINE, RONALD H. 2404 WHITE OAK ROAD RALEIGH 27609 DOWNSTATE ME CTR	PH /PD AC 59 65 66 919 782-0838
JOHNSON, JOY MOORING 4612 GUNSTON PL RALEIGH 27612 EAST CAROLINA U	IM AC 82 85 79 919 783-5312	KIMBRELL, ODELL C., JR. 240 BRYAN BUILDING RALEIGH 27605 U OF PENN	IM /END AC 51 51 60 919 828-6393	LINSTER, DOROTHY MAE 3714 BENSON DR. RALEIGH 27609 U OF NC	OBG AC 78 80 83 919 850-9377
JOHNSON, ROBERT BRUCE 101 CARY PKWY. SW #210 CARY DERMATOLOGY CTR. CARY 27511 DUKE	D AC 78 82 86 919 467-8556	KING, JAMES LEROY 2700 KINGSLEY RD. RALEIGH 27612 BOWMAN GRAY	AN AC 58 58 62 919 833-5085	LITTLETON, ROBERT ELTON 3622 HAWORTH DR. RALEIGH 27609 U OF NC	OBG AC 81 82 85 919 782-1273
JOHNSON, STEPHEN EDWARD 10501 LEAFWOOD COURT RALEIGH 27612 CASE WESTERN RES	EM /IM AC 75 76 82 919 755-3100	KIRK, CHARLES DAYTON RALEIGH ANESTHESIA ASSOC. P. O. BOX 18139 RALEIGH 27619 U OF NC	AN AC 69 69 77 919 872-4800	LOCKLEAR, JIMMY 1212 CEDARHURST DR. PO BOX 18700 RALEIGH 27609 U OF NC	IM /CD AC 80 83 85 919 872-4850
JOHNSTON, FRANK SMITH, JR. 3900 BROWNING PLACE RALEIGH 27609 U OF NC	IM AC 59 59 69 919 781-9650	KITCHIN, TINA CIESIEL DEVELOPMENTAL EVAL. CTR. 321 ASHE AVE. RALEIGH 27609 U OF OREGON	PD AC 78 81 82 919 782-0341	LOWRY, ROY FRANK, JR. 4024 BARRETT DR., STE. 104 RALEIGH 27609 U OF NC	OPH AC 68 68 74 919 787-3241
JONES, DAVID HERMAN 3900 BROWNING PLACE RALEIGH 27609 U OF NC	OPH AC 59 59 66 919 787-2758	KOOMEN, JACOB, JR. 909 DOGWOOD LANE RALEIGH 27607 U OF ROCHESTER	PH L/RT 45 58 60 919 834-4355	LUCEY, DONALD TRUESDELL 2800 BLUE RIDGE BLVD. STE. 403 RALEIGH 27607 DUKE	U AC 63 63 71 919 781-7113
KAASA, LAURIN JUUL 3000 NEW BERN AVENUE RALEIGH 27610 U OF MINN	PTH L 41 61 61 919 755-8260	KOPP, ELLIOT JOSEPH 3831 MERTON DR. RALEIGH 27609 SYRACUSE	RHU /AI AC 73 73 86 919 781-9633	MACCORMACK, JOHN NEWTON P. O. BOX 2091 RALEIGH 27602 U OF NC	PH AC 62 62 75 919 733-3421
KAMM, RICK RANDE 3805 COMPUTER DR. RALEIGH 27609 U OF IOWA	OBG AC 70 71 77 919 781-6200	KORNEGAY, RAYMOND DEWITT 2800 BLUE RIDGE BLVD., STE. 306 RALEIGH 27607 BOWMAN GRAY	CDS /TS AC 45 45 56 919 782-7900	MADDOX, THOMAS WILBUR 3814 BROWNING PLACE RALEIGH 27609 U OF ALABAMA	GS /VS AC 79 80 86 919 781-0710
KANE, RICHARD DOUGLAS 390L COMPUTER DR. WAKE UROLOGICAL RALEIGH 27609 NORTHWESTERN U	U AC 71 73 78 919 781-5104	KRATZ, ROBERT KEVIN 3000 NEW BERN AVE. RALEIGH 27610 U OF KENTUCKY	EM /IM AC 73 73 78 919 782-3969	MADRY, HERBERT RAYMOND, JR. 2105 WHITE OAK ROAD RALEIGH 27608 BOWMAN GRAY	DR AC 56 56 62 919 833-9838
KANICH, ROBERT EMIL 4420 LAKE BOONE TRAIL RALEIGH 27607 MED COLL OF VA	PTH AC 62 62 77 919 755-3057	KUNSTLING, TED RICHARD 1212 CEDARHURST DR. RALEIGH 27609 DUKE	PUD /IM AC 68 68 75 919 872-4850	MAJORS, ROBERT POWELL, JR. 3010 ANDERSON DR. PO BOX 18946 RALEIGH 27619 GEO WASHINGTON U	OTO AC 61 61 71 919 787-7171
KANOF, ELIZABETH PASCHER 3400 EXECUTIVE DRIVE RALEIGH, N. C. 27609 NEW YORK U	D AC 60 65 66 919 878-0310	KURZMANN, RICHARD WALTER 2800 BLUE RIDGE BLVD. STE. 206 RALEIGH 27607 U OF VIRGINIA	OBG AC 69 72 78 919 781-7450	MANGANO, CHARLES ANGELO, JR. 3020 NEW BERN AVE. STE. 420 RALEIGH 27610 U OF ROCHESTER	CD /IM AC 74 75 79 919 833-5111

92. WAKE COMPONENT SOCIETY (Continued)

MANLY, ISAAC VAUGHN 2800 BLUE RIDGE BOULEVARD RALEIGH 27607 HARVARD	GS /TS AC 46 46 55 919 781-7410	MELTZER, MORTON ROUTE 1, BOX 231-A CAMERON 28326 NEW YORK MED COL	FP /P AC 65 65 70 919 245-4819	NG, GODOFREDO TAN 1101 DRESSER COURT RALEIGH 27609 U OF PHILIPPINES	GS /TS AC 62 62 70 919 876-2010
MANLY, JAMES HOLLOWELL, JR. 2800 BLUE RIDGE BLVD. #303 RALEIGH 27607 U OF PENN	GS AC 46 46 54 919 781-7425	MERWARTH, CHARLES RICHARD 2800 BLUE RIDGE BLVD. #503 RALEIGH 27607 DUKE	IM /A AC 55 55 63 919 782-7500	NICHOLS, MARK LOVEL 2425 COLEY FOREST PLACE RALEIGH 27612 MED COLL OF VA	IM /EM AC 71 73 84 919 755-8589
MANN, CARROLL LAMB, III 3009 NEW BERN AVE. PO BOX 14027 RALEIGH 27620 U OF NC	NS AC 63 63 70 919 832-4448	MILLER, PHILIP RAIFORD 3100 BLUE RIDGE RD. RALEIGH 27612 BOWMAN GRAY	IM /CD AC 67 67 73 919 781-7500	NICHOLSON, CHARLES H. PO BOX 18139 RALEIGH 27619 ST U OF NY-BUFF	AN AC 82 83 86 919 781-7420
MANN, JAMES TIFT, III WAKE HEART ASSOCIATES PO BOX 14427 RALEIGH 27620 U OF NC	CD AC 69 70 78 919 832-9253	MILLER, WILLIAM STACEY 3803-A COMPUTER DR. RALEIGH 27609 U OF NC	D AC 61 61 69 919 782-2152	NOAH, VAN BATCHELOR 3900 OLD WAKE FOREST RD. SUITE 104 RALEIGH 27609 BOWMAN GRAY	OPH AC 66 66 72 919 872-3242
MARKS, JOHN JACOB 5512 HAWTHORNE PARK RALEIGH 27612 U OF NC	GYN AC 79 80 86 919 848-1990	MILLWARD, DAVID KENT 1212 CEDARHURST DR. RALEIGH 27609 GEO WASHINGTON U	CD /IM AC 65 65 72 919 872-4850	NUNNALLY, JAMES THOMAS, III 2000 YORKGATE DRIVE RALEIGH 27612 MED COLL OF GA	CHP /P AC 59 59 71 919 781-1160
MARTIN, PHILIP L. 3320 EXECUTIVE DR., STE. 210 RALEIGH 27609 U OF NC	OPH AC 73 75 76 919 872-0572	MODROW, PETER ALBERT 805 FAULKNER PLACE RALEIGH 27609 U OF NC	AN /P AC 65 66 72 919 876-0581	NUTT, JAMES EDWARD 3400 EXECUTIVE DR., STE. 201 RALEIGH 27609 MED COLL OF GA	CD /IM AC 74 75 81 919 872-8920
MARTIN, SIDNEY ARNOLD 3141 ESSEX CIRCLE RALEIGH 27608 BOWMAN GRAY	OM /FP AC 53 53 57 919 782-0911	MOHR, LINDA CHAPPELL 1100 DRESSER COURT RALEIGH 27609 U OF NC	OBG AC 80 81 85 919 876-8225	OATES, LARRY ALLEN 2900 HIGHWOODS BLVD. RALEIGH 27604 OHIO STATE U	IM AC 64 64 84 919 878-9870
MARUCHECK, JOHN THOMAS 6217 DRESDEN LANE RALEIGH 27612 U OF OKLAHOMA	IM AC 78 79 83 919 878-0900	MONG, JAMES ARTHUR 100 S. BOYLAN AVENUE RALEIGH 27603 U OF CINCINNATI	OBG AC 80 83 84 919 832-5529	OLIVER, FREDERICK CARLTON, JR. 103 BAINES COURT CARY 27511 MED U OF SC	IM AC 75 76 79 919 467-6125
MASON, ERIC W. PO BOX 18139 RALEIGH 27619 U OF MIAMI	AN AC 80 81 85 919 755-3034	MONTGOMERY, STEPHEN PAUL P. O. BOX 10707 RALEIGH 27605 RUSH MED COLL	ORS AC 74 74 80 919 781-5600	ORNITZ, ROBERT DAVID 4420 LAKE BOONE TRAIL RALEIGH 27607 U OF OKLAHOMA	ON /TR AC 71 75 79 919 755-3018
MASSENGILL, G.K. 3308 TIMBER LAKE ROAD RALEIGH 27604 DUKE	GS L/RT 36 36 57 919 872-6924	MORESCHI, RAFAEL MARIANO 105-A KILMAYNE DR. CARY 27511 U OF ASUNCION	IM /CD AC 72 81 84 919 467-2253	OSCHWALD, DONALD L.A., JR. 1112 DRESSER COURT RALEIGH 27609 U OF NEW MEXICO	PS AC 78 79 87 919 892-2616
MCBRIDE, ANN F. 3229 FLINTSHIRE RD. RALEIGH 27604 DUKE	PD AC 82 86 87 919 787-5495	MORROW, SARAH TAYLOR 3304 WADE AVE. RALEIGH 27607 U OF MARYLAND	PH /PD AC 44 45 61 919 851-9305	OSTROW, BARRY SEYMOUR 3049 ESSEX CIR. BLDG. A RALEIGH 27608 U OF MICHIGAN	P AC 66 66 74 919 782-1366
MCDANIEL, WILLIAM JASON, JR. P. O. BOX 10707 RALEIGH 27605 U OF NC	ORS AC 67 67 72 919 781-5600	MOSELEY, JAMES RENNIE 340 N. MAIN STREET WAKE FOREST 27587 U OF ALABAMA	FP AC 54 54 70 919 556-4826	OVERCASH, HAROLD PAYNE 3616 ALAMANCE DR. RALEIGH 27609 U OF NC	PD AC 79 82 77 919 787-0266
MCDOWELL, ROBERT WARREN 734 ROCK QUARRY ROAD RALEIGH 27610 MEHARRY MED COLL	GP AC 51 53 67 919 832-5389	MOSELEY, ROBERT GALLOWAY BOX 7304, NCSU-S.H.S. RALEIGH 27695 DUKE	PD AC 57 57 62 919 737-2563	PAAR, JOHN ARTHUR 1212 CEDARHURST DR. RALEIGH 27609 U OF PITTSBURGH	CD /IM AC 60 61 68 919 872-4850
MCCRORY, EDWARD JOSEPH, JR. 3900 OLD WAKE FOREST ROAD RALEIGH 27609 MED U OF SC	OPH AC 74 75 80 919 872-3242	MOSER, WADE HAUSER, JR. CAPITAL RADIOLOGY ASSOC. P. O. BOX 17947 RALEIGH 27619 U OF NC	DR AC 74 74 73 919 847-8564	PACKER, JOHN WESLEY 3515 GLENWOOD AVE. PO BOX 10707 RALEIGH 27605 BOWMAN GRAY	ORS /HS AC 65 65 72 919 781-5600
MCKAY, MICHAEL DIXON 1212 CEDARHURST DR. RALEIGH 27609 MED COLL OF GA	GE AC 82 83 87 919 872-4850	MULVANEY, GERALD GARFIELD 11613 APPALOOSA RUN, WEST RALEIGH 27612 BOSTON U	OBG AC 78 80 83 919 755-8535	PAGE, ERNEST BENJAMIN, JR. 2800 BLUE RIDGE BLVD., STE. 503 RALEIGH 27607 DUKE	IM AC 49 53 55 919 782-7500
MCKENZIE, SHEPPARD ALLEN, III 3805 COMPUTER DRIVE RALEIGH 27609 U OF NC	OBG /IM AC 74 74 79 919 781-6200	MUNT, ROBERT LAWRENCE, JR. 4505 FAIR MEADOWS LN. #101 RALEIGH 27607 U OF NC	PD AC 77 77 82 919 787-5495	PARKER, MICHAEL YOUNG 3100 BLUE RIDGE RD., STE. 201 RALEIGH 27612 U OF NC	OTO /HNS AC 78 80 76 919 787-1374
MCLAIN, LEE WILLIAM, JR. PO BOX 40999 RALEIGH 27629 DUKE	N AC 61 61 86 919 782-3456	MYERS, RICHARD STANTON 2800 BLUE RIDGE BOULEVARD RALEIGH 27607 WASHINGTON U	GS /TS AC 65 65 73 919 781-7414	PARNELL, JEROME PATRICK, II 3901 COMPUTER DR. RALEIGH 27609 DOWNSTATE ME CTR	U AC 74 75 82 919 781-5104
MCMANUS, HUGH FORREST, JR. 722 ST. MARY'S STREET RALEIGH 27605 MED U OF SC	IM L 38 38 41 919 832-6510	NELSON, ROBERT BARRY P. O. BOX 10707 RALEIGH 27605 NORTHWESTERN U	ORS AC 65 65 72 919 781-5600	PARSONS, JAMES SHERIDAN 704 W. JONES STREET RALEIGH 27603 U OF NC	IM AC 76 76 75 919 832-5125
MCREE, CHRISTINE ELLIS DOROTHEA DIX HOSP.-PSY RALEIGH 27611 TULANE U	CHP AC 46 46 75 919 733-5344	NEWELL, LANNING RICHARD 3320 EXECUTIVE DR., STE. 119 RALEIGH 27609 U OF NC	GE /IM AC 75 77 81 919 878-9465	PASCHAL, GEORGE W., JR. 3334 ALAMANCE DRIVE RALEIGH 27609 JEFFERSON	GS L/RT 31 31 46 919 787-2177
MEDLIN, CHARLES THOMAS 2000 HIGHWAY 70 WEST GARNER 27529 BOWMAN GRAY	FP AC 52 52 53 919 772-3266	NEWMAN, WILLIAM NEAL WAKE HEART ASSOCIATES PO BOX 14427 RALEIGH 27620 DUKE	CD /IM AC 77 82 83 919 832-9253	PASCHAL, GEORGE W., III 3814 BROWNING PLACE RALEIGH 27609 BOWMAN GRAY	GS /CDS AC 73 73 78 919 781-0710

92. WAKE COMPONENT SOCIETY (Continued)

PATE, DEWEY HARRIS WAKE MEMORIAL HOSPITAL RALEIGH 27610 U OF NC	PTH AC 58 66 67 919 755-8260	RADFORD, WANDA LEE 2800 BLUE RIDGE BLVD., STE. 206 RALEIGH 27607 U OF NC	OBG AC 75 75 75 919 781-7450	SANCHEZ, CLARE JEANNE 3000 NEW BERN AVE. WAKE AHEC MED. TEACHING SERV. RALEIGH 27610 U OF COLORADO	GER /IM AC 75 77 85 919 755-8520
PATTERSON, HUBERT CLIFTON P. O. BOX 18946 RALEIGH 27619 U OF NC	OTO /PSF AC 74 74 84 919 787-7171	RAMQUIST, NEIL ALBERT 713 NEW KENT PLACE CARY 27511 U OF CA-DAVIS	DR AC 77 78 79 919 783-3023	SANDERS, LEE HYMAN 2502 ANDERSON DRIVE RALEIGH 27608 TEMPLE U	PD L/RT 42 42 46 919 787-9888
PEARSON, JOHN KENT P. O. BOX 727 APEX 27502 DUKE	FP AC 53 53 56 919 362-8312	REDDY, AMARENDRA BUSA 3020 NEW BERN AVE., STE. 410 RALEIGH 27610 GANDHI MED COLL	CD /IM AC 68 74 76 919 828-8967	SATTERFIELD, BENTON SAPP 3126 BLUE RIDGE RD. RALEIGH 27606 DUKE	OBG AC 62 62 65 919 782-3865
PEDIADITAKIS, NICHOLAS P. 5100 LEADLINE ROAD RALEIGH 27612 U THESSALONIKI	P AC 54 61 61 919 787-0710	REES, MICHAEL STEVENS 3101 ESSEX CIRCLE, BLDG. E RALEIGH 27608 VANDERBILT U	IM AC 76 76 79 919 782-2631	SCANLAN, JAMES GEORGE 3400 EXECUTIVE DR., STE. 201 RALEIGH 27609 NORTHWESTERN U	CD /IM AC 73 74 80 919 872-8920
PETERS, BRYAN MACLIN 3821 MERTON DR. RALEIGH 27609 DUKE	DR AC 81 85 80 919 755-8511	REIBEL, DONALD BAUMANN P. O. BOX 10707 RALEIGH 27605 INDIANA U	ORS AC 57 64 64 919 781-5600	SCARBOROUGH, DAWSON EMERSON WAKE CO. MED. CTR., -PATH. RALEIGH 27610 U OF NC	PTH AC 62 62 71 919 755-8260
PIERSON, WILLARD CRESSE, JR. 1212 CEDARHURST DR. RALEIGH 27609 DUKE	GE /IM AC 66 66 73 919 872-4850	RENDLEMAN, DAVID ATWELL, III 3410 EXECUTIVE DRIVE RALEIGH 27609 U OF NC	ORS AC 70 70 78 919 872-5296	SCARBOROUGH, WALTER AVERY, JR. 1004 DRESSER COURT, STE. 101 RALEIGH 27609 DUKE	P AC 67 67 75 919 876-0090
PIKE, MICHAEL ROBERT 1151 KILDAIRE FARM ROAD CARY 27511 MT SINAI SCH MED	GE /IM AC 73 74 81 919 469-1858	RHODES, JOHN FLINT 2800 BLUE RIDGE BLVD. STE. 403 RALEIGH 27607 U OF NC	U AC 62 62 70 919 781-7113	SCHAAF, ROBERT EDMUND WAKE RADIOLOGY CONSULTANT P. O. BOX 19366 RALEIGH 27619 TUFTS U	DR AC 76 77 81 919 787-8199
POLLOCK, MORRIS ARTHUR 1212 CEDARHURST DR. RALEIGH 27609 JEFFERSON	GE /IM AC 69 70 77 919 872-4850	RHODES, JOHN SLOAN 10 SPRINGMOOR DRIVE RALEIGH 27615 HARVARD	U L/RT 29 29 36 919 848-7010	SCHecter, NANCY POST 3320 EXECUTIVE DRIVE RALEIGH 27609 DUKE	N AC 79 83 84 919 872-0940
POOLE, JAMES MORRISON 3803 COMPUTER DR., STE. 207 RALEIGH 27609 MED U OF SC	PD /ADL AC 76 79 84 919 782-5273	RHYNE, JIMMIE LEE DIV. OF HEALTH SERVICES PO BOX 2091 RALEIGH 27602 U OF MARYLAND	PH /PD AC 48 48 56 919 733-7791	SCHUMACK, EDWARD JAMES PO BOX 16125 RALEIGH 27610 LOYOLA U	P /FP AC 66 72 85 919 839-8570
POOLE, TERRY WAYNE 2500 BLUE RIDGE CTR., STE. 401 RALEIGH 27607 BOWMAN GRAY	OBG AC 73 73 79 919 781-5510	ROBERTS, SURRY PARKER 700 RUNNYMEDE ROAD RALEIGH 27607 U OF NC	RHU /IM RT 66 66 76 919 781-1274	SCHURTER, LONIS LEON 505 NORTHWOOD CIRCLE GARNER 27529 U OF OKLAHOMA	LM RT 46 65 66 919 772-3363
POWELL, DAVID CLIFTON 1101 DRESSER COURT RALEIGH 27609 U OF NC	GS AC 78 79 75 919 876-2010	ROBINSON, CHARLES HALL, JR. 3900 OLD WAKE FOREST ROAD SUITE 104 RALEIGH 27609 DUKE	OPH AC 75 76 73 919 872-3242	SCHWARZ, RONALD PAUL 3521 HAWORTH DR. RALEIGH 27609 CORNELL U	GE /IM AC 77 79 83 919 782-1806
PRATT, LAURA WINSTEAD 3400 EXECUTIVE DR. STE. 203 RALEIGH 27609 BOWMAN GRAY	FP AC 72 72 74 919 878-0340	ROLLINS, ROBERT LEROY, JR. 2500 WAKE DRIVE RALEIGH 27608 DUKE	P AC 56 56 60 919 733-5525	SCOTT, HARRY WHITE 3900 BROWNING PL., STE. 202 RALEIGH 27609 U OF NC	D AC 62 62 71 919 782-2735
PRICE, HARVEY CRAIG 1905 STURBRIDGE COURT RALEIGH 27612 U OF NC	HNS AC 78 80 83 919 782-8955	ROOD, MARY FRANCES MUNCH 2440 SPRINGMOOR CIRCLE RALEIGH 27615 U OF NC	P AC 55 55 59 919 848-7440	SCOVIL, JAMES A., JR. 4021 BARRETT DR. RALEIGH 27609 U OF NC	CD /IM AC 71 71 81 919 782-1550
PRICE, JULIE B. 1026 MONMOUTH AVENUE DURHAM 27701 DUKE	GP AC 82 83 79 919 481-0277	ROYSTER, CHAUNCEY LAKE 1801 MCDONALD LANE RALEIGH 27608 CORNELL U	IM L/RT 35 35 41 919 832-0796	SEDWITZ, JOSEPH LEE 231 HOSPITAL ROAD ZEBULON 27597 U OF VIRGINIA	GS /GYN AC 51 61 61 919 269-9310
PRITCHETT, NEWTON GEORGE 2800 BLUE RIDGE, STE. 205 RALEIGH 27607 DALHOUSIE U	IM AC 42 53 53 919 782-0414	RUARK, ROBERT JAMES 525 WADE AVENUE, APT. #51 RALEIGH 27605 U OF PENN	OBG L/RT 31 32 34 919 832-4722	SELLERS, BOBBY EUGENE 3900 BROWNING PLACE RALEIGH 27609 U OF TENNESSEE	P AC 63 64 64 919 787-7125
PROCTER, WILLIAM IVAN 3900 BROWNING PLACE RALEIGH 27609 DUKE	IM AC 57 57 64 919 781-9650	RUZ, FERNANDO REY 4096 BARRETT DR. RALEIGH 27609 U OF CHILE	P /GER AC 65 77 82 919 832-7606	SENER, WILLIAM JEFFRESS 704 W. JONES STREET RALEIGH 27603 U OF MARYLAND	IM AC 42 42 49 919 832-5125
PUGH, VERNON WATSON, JR. 1321 OBERLIN ROAD RALEIGH 27608 JEFFERSON	PD AC 53 53 57 919 828-4747	RUSSELL, ROGER BIVINS 2501 NORTH ST., STE. 500 RALEIGH 27607 BOWMAN GRAY	PS /GS AC 76 80 84 919 782-7762	SHAH, PRIYAVADAN MANEKLAL 121 EDINBURGH ST. #208 CARY 27511 BARODA U	CD /IM AC 72 73 82 919 469-9919
PURNELL, WILLIAM DAVID 801 OBERLIN ROAD, STE. 220 RALEIGH 27605 BOWMAN GRAY	OPH AC 71 71 79 919 828-0628	SAAD, MAGED HANNA 3010 FALSTAFF ROAD RALEIGH 27610 CAIRO U	P /GP AC 61 75 75 919 821-0300	SHAW, DALE RUSSELL P. O. BOX 19366 RALEIGH 27619 DUKE	DR AC 73 73 73 919 787-8199
QUEEN, LAURINDA LEE 4505 FAIR MEADOWS LN., STE. 103 RALEIGH 27607 U OF ARIZONA	D AC 81 82 86 919 783-7877	SALEEY, RICHARD GEORGE 3801 COMPUTER DRIVE RALEIGH 27609 JEFFERSON	CRS AC 46 47 55 919 787-2542	SHEARIN, WILLIAM ARTHUR 2800 BLUE RIDGE BLVD., STE. 405 RALEIGH 27607 DUKE	OPH AC 62 62 67 919 781-7373
QUIGLESS, MILTON DOUGLAS, JR. 100 SUNNYBROOK ROAD P. O. BOX 14445 RALEIGH 27620 MEHARRY MED COLL	GS AC 71 72 79 919 821-5771	SALTER, TERESA PALMER 101 W. DURHAM ROAD CARY 27511 U OF NC	PD AC 75 75 80 919 467-5543	SHICK, JAFAR MO 7321 GRIST MILL RD. RALEIGH 27609 U OF TEHRAN	AN AC 61 62 72 919 755-8000

92. WAKE COMPONENT SOCIETY (Continued)

SIDES, EVIN HENDERSON, III 3320 EXECUTIVE DR. RALEIGH 27609 U OF NC	IM /ID AC 65 65 71 919 876-9688	SWANN, EDWIN RUSSELL 100 SUNNYBROOK RD. STE. 103 RALEIGH 27610 U OF NC	OPH AC 75 76 87 919 833-8878	VENTERS, GEORGE COLE 3410 EXECUTIVE DRIVE RALEIGH 27609 U OF NC	ORS AC 71 71 76 919 872-5296
SINCLAIR, LOUIS GORDON 3309 WHITE OAK ROAD RALEIGH 27609 U OF PENN	GS /GYN L/RT 33 33 39 919 787-9356	SWEENEY, CHARLES LESLIE, JR. P. O. BOX 17263 RALEIGH 27619 DUKE	FP AC 57 57 62 919 787-5211	VEST, HOWARD RYLAND, JR. RALEIGH ANESTHESIA ASSOC. P. O. BOX 18139 RALEIGH 27619 U OF VIRGINIA	AN AC 71 71 74 919 781-7420
SMITH, JANE SWAN 1212 CEDARHURST DR. RALEIGH 27609 U OF CINCINNATI	IM AC 81 81 86 919 872-4850	TAYLOR, MICHAEL ALAN 4505 FAIR MEADOWS LN. STE. 101 RALEIGH 27607 U OF LOUISVILLE	PD AC 76 77 80 919 787-5495	WALDENBERG, LEOPOLD MARK 3400 EXECUTIVE DR. STE. 104 P. O. BOX 17200 RALEIGH 27619 TUFTS U	GS AC 65 65 72 919 876-2732
SMITH, STEPHEN WAYNE 2800 BLUE RIDGE, STE. 205 RALEIGH 27607 U OF NC	IM /CD AC 73 74 75 919 782-0414	TELFER, JAMES GAVIN, JR. 305 S. ACADEMY STREET CARY 27511 WASHINGTON U	IM /FP AC 71 77 78 919 467-7528	WARD, JOHN THOMAS 3100 BLUE RIDGE RD., STE. 200 RALEIGH 27612 U OF OKLAHOMA	OPH AC 81 83 86 919 787-2211
SNYDER, EDWARD SUTTON 1216 BARCROFT PLACE RALEIGH 27609 GEORGETOWN U	DR /NM AC 65 65 72 919 847-1289	THOMAS, BEN DAVID P. O. BOX 247 ZEBULON 27597 MED U OF SC	FP AC 44 46 47 919 269-9111	WARREN, JULIAN MARION BOX 1120, SPRING HOPE CLINIC SPRING HOPE 27882 U OF VIRGINIA	CHP /P AC 59 60 67 919 478-4600
SPAIN, ROBERT SPRUILL 3707 OLD LASSITER MILL ROAD RALEIGH 27609 WASHINGTON U	IM AC 46 46 55 919 782-2805	THORNHILL, EDWIN HALE 720 W. JONES STREET RALEIGH 27603 DUKE	OTO /OPH L 38 41 42 919 834-7341	WARREN, LARRY E. 503 SUNNYBROOK ROAD RALEIGH 27610 U OF NC	FP 56 57 58 919 755-8394
SPARROW, NATHANIEL LOUIS 3010 ANDERSON DR. PO BOX 18946 RALEIGH 27619 U OF NC	OTO AC 57 57 65 919 787-7171	THORNHILL, GEORGE TUDOR 720 W. JONES STREET RALEIGH 27603 DUKE	OTO /OPH L 38 41 42 919 834-7341	WATANABE, TSUNEO KENT 101 S. W. CARY PARKWAY CARY 27511 KEIO GIJUKU U	OTO /HNS AC 74 78 83 919 467-7380
SPRUNT, WM HUTCHINSON, III 6508 BROOKHOLLOW DR. RALEIGH 27609 HARVARD	R /RHU AC 45 48 53 919 787-8199	THULLEN, JAMES DONALD 2311 LAKE DRIVE RALEIGH 27609 DES MOINES OST	PD /NPM AC 70 70 82 919 755-8545	WEBB, ALEXANDER, JR. 2708 FAIRVIEW ROAD RALEIGH 27608 HARVARD	GS L/RT 37 40 41 919 781-3469
STAFFORD, STEVEN JAMES 3410 EXECUTIVE DR. STE. 201 RALEIGH 27609 U OF CHICAGO	U AC 76 76 83 919 966-2571	THURBER, DAVID CUSHMAN, JR. MED. DEP. DOROTHEA DIX HOSP RALEIGH 27611 U OF ROCHESTER	IM AC 77 79 85 919 733-5157	WEISLER, RICHARD HARRY 3320 EXECUTIVE DR. STE. 216 RALEIGH 27609 U OF NC	P AC 76 76 82 919 782-4672
STALLINGS, TOLBERT LACY 3814 BROWNING PLACE RALEIGH 27609 DUKE	GS AC 54 54 59 919 781-0710	TILSON, HUGH H. 3030 CORNWALLIS RD. RESEARCH TRIANGLE PK 27709 WASHINGTON U	GPM /PH AC 64 64 79 919 248-4354	WHELISS, JOHN ANGUS 2800 BLUE RIDGE BLVD. STE. 407 RALEIGH 27607 COLUMBIA U	OPH AC 52 54 57 919 781-7402
STILES, EDDIE PHILLIPS BOX A APEX 27502 U OF NC	FP AC 63 63 66 919 362-7353	TORTORA, FRANK L., JR. 101 S. W. CARY PARKWAY CARY 27511 EMORY U	U AC 77 79 87 919 467-3203	WHICKER, JAMES HUBERT 3010 ANDERSON DRIVE P. O. BOX 18946 RALEIGH 27619 U OF NC	OTO AC 66 74 82 919 787-7171
STIRMAN, JERRY ARCHIBALD, JR. 1101 DRESSER COURT RALEIGH 27609 U OF TEXAS	GS /TS AC 74 74 80 919 876-2010	TOSKY, GEORGE MICHAEL 3000 NEW BERN AVE. RALEIGH 27610 BOWMAN GRAY	OBG AC 81 82 86 919 755-8535	WHITAKER, DONALD NASH 2016 CAMERON STREET RALEIGH 27605 TEMPLE U	FP L/RT 40 40 46 919 832-0343
STOCKS, LEWIS HENRY, III 1108 DRESSER COURT RALEIGH 27609 M C OF WISCONSIN	GS /TS AC 71 73 76 919 876-2010	TOVE, NANCY LOUISE 3100 BLUE RIDGE RD. RALEIGH 27612 U OF NC	FP AC 82 83 86 919 782-0146	WHITEHURST, LEE ALBERT 3515 GLENWOOD AVENUE P. O. BOX 10707 RALEIGH 27605 U OF NC	ORS AC 72 72 78 919 781-5600
STONE, KAREN E. 1974 CHANDALOR DR. APT. 9 PELHAM, AL 35124 U OF ALABAMA	FP AC 79 80 86	TUCKER, GEORGE FRANKLIN P. O. BOX 246 ZEBULON 27597 MED COLL OF VA	FP AC 52 52 53 919 269-9144	WHITNEY, PAMELA JOYCE 3320 EXECUTIVE DR., STE. 218 RALEIGH 27609 U OF OKLAHOMA	N AC 80 80 84 919 872-0940
STRADER, KYLE WOODROW 3831 MERTON DR. RALEIGH 27609 WEST VA U	RHU /A AC 81 81 86 919 781-9633	TUMEN, JON JAY 3100 BLUE RIDGE RD., STE. 300 RALEIGH 27607 DUKE	IM /PUD AC 80 00 79 919 781-7500	WIEGAND, STEVEN FREDERICK 10305 WHITESTONE ROAD RALEIGH 27609 HAHNEMANN	EM /FP AC 77 78 80 919 848-9471
STRATAS, NICHOLAS EMANUEL 3900 BROWNING PL. #201 RALEIGH 27609 U OF TORONTO	P /HYP AC 57 60 63 919 787-7125	UMPHLET, THOMAS LEONARD 2519 WHITE OAK ROAD RALEIGH 27609 U OF PENN	IM L/RT 34 34 39 919 787-9650	WILEY, JERRY WILLIAM 4700 WESTMINSTER DR. RALEIGH 27604 DUKE	PD AC 74 75 78 919 733-2833
STYRON, CHARLES WOODROW 615 ST. MARY'S STREET RALEIGH 27605 DUKE	IM /DIA L 38 46 46 919 828-7773	VALONE, JAMES AUSTIN 2800 BLUE RIDGE BLVD., #304 RALEIGH 27607 ST U OF NY-BUFF	PS /GS L 36 47 54 919 781-7430	WILKERSON, ANNIE LOUISE 100 S. BOYLAN AVENUE RALEIGH 27603 MED COLL OF VA	OBG /GYN L 38 38 39 919 832-5529
SULLIVAN, WILLIAM GREGORY 3400 EXECUTIVE DR., STE. 104 P. O. BOX 17200 RALEIGH 27619 LOYOLA U	GS AC 60 61 73 919 876-2732	VANN, ROBERT LEE GLAXO, INC. P.O. BOX 13960 RESEARCH TRIANGLE PK 27709 BOWMAN GRAY	PD /PA AC 45 45 83 919 248-2100	WILKERSON, LOUIS REAMS 100 S. BOYLAN AVENUE RALEIGH 27603 MED COLL OF VA	OBG AC 52 52 56 919 832-5529
SUMMERLIN, ARTHUR ROGERS 2800 BLUE RIDGE BLVD. #401 RALEIGH 27607 U OF VIRGINIA	OBG AC 48 48 56 919 781-5504	VAUGHN, DONALD EUGENE 120 WIND CHIME COURT RALEIGH 27615 U OF TENNESSEE	EM /FP AC 57 61 61 919 847-8821	WILKINS, EZRA BROOKS 6204 GAINSBOROUGH DR. RALEIGH 27612 U OF NC	FP AC 75 75 79 919 782-0146

92. WAKE COMPONENT SOCIETY (Continued)

WILKINSON, JAMES SPENCER, SR.	D L	WOODARD, SABRA ALDERMAN	R /NM AC	YOFFE, ELIZABETH HARRER	ON /HEM AC
215 BRYAN BLDG.	38 38 40	1825 ST. MARY'S STREET	76 76 84	PO BOX 30098	77 80 83
RALEIGH 27605		RALEIGH 27608		RALEIGH HEM/ONCOLOGY CLI.	
U OF PENN	919 832-6044	U OF NC	919 755-3023	RALEIGH 27622	
WILLETT, ROBERT W.	IM /N AC	WOODRUFF, LEON FESTUS, JR.	OBG AC	U OF FLORIDA	919 781-7070
2800 BLUE RIDGE BLVD. STE 503	48 53 55	2800 BLUE RIDGE, BLVD., STE. 502	72 72 76	YOFFE, MARK	ON /HEM AC
RALEIGH 27607		RALEIGH 27607		PO BOX 30098	77 80 83
DUKE	919 782-7500	BOWMAN GRAY	919 781-5510	RALEIGH HEM/ONCOLOGY CLI.	
WILLIAMS, ROBERT	DR L/RT	WOOTEN, ELEANOR JANE H.	PD /PH AC	RALEIGH 27622	
2305 HATHAWAY ROAD	35 35 46	904 WILLIAMSON DRIVE	42 44 46	U OF FLORIDA	919 781-7070
RALEIGH 27608		RALEIGH 27608		YOUNG, DAVID ALEXANDER	P /PYA L
U OF PENN	919 833-5645	DUKE	919 832-4097	615 ST. MARY'S STREET	31 31 46
WILSON, THOMAS BARNETTE	PTH L/RT	WORTH, THOMAS CLARKSON	R L/RT	RALEIGH 27605	
501 E. WHITAKER MILL RD. 405-A	36 40 46	500 LAKE BOONE TRAIL	36 36 49	HARVARD	919 834-0821
RALEIGH 27608		RALEIGH 27608		ZARZAR, NAKHLEH PACIFICO	P AC
NEW YORK MED COL	919 839-0250	HARVARD	919 787-6449	3125 GLENWOOD PROF. VILL.	56 63 64
WILSON, WILLIAM LENOIR	PH L/RT	WRIGHT, JAMES RHODES	OTO /OPH L	BLDG. H	
WEDGEWOOD APT. #23	26 59 60	528 WADE AVENUE	40 40 40	RALEIGH 27608	
740 E. SMALLWOOD DR.		RALEIGH 27605		AMER. U OF BEIRUT	919 782-0166
RALEIGH 27605		U OF MARYLAND	919 834-8251	ZEITLER, KENNETH DALE	HEM /ON AC
BAYLOR	919 828-2940	WRIGHT, JOHN EVERETT	GP L/RT	PO BOX 30098	75 75 83
WINSLOW, FRANCIS EDWARD, JR.	PD AC	P. O. BOX 348	37 37 38	RALEIGH HEM/ONCOLOGY CLI.	
3001 ESSEX CIRCLE	53 53 61	FUQUAY-VARINA 27526		RALEIGH 27622	
RALEIGH 27608		JEFFERSON	919 552-2728	COLUMBIA U	919 781-7070
DUKE	919 782-0021	WYNIA, VIRGIL HOWARD	CD /IM AC	ZELLER, DONALD JOHN	FP AC
WINSLOW, ROBERT BROWN	PS /GS AC	3020 NEW BERN AVE. #420	72 74 81	1210 LARKHALL CT.	83 84 87
2501 NORTH ST., STE. 500	62 62 72	RALEIGH 27610		CARY 27511	
RALEIGH 27607		HARVARD	919 781-7557	JEFFERSON	919 782-0146
COLUMBIA U	919 782-7762	YARBOROUGH, MICHAEL FRANCIS	GS /TS AC	ZELLINGER, MICHAEL JAY	CD /IM AC
WOLFE, ANN FIERRO	PD AC	3400 EXECUTIVE DR. STE. 104	72 72 81	WAKE HEART ASSOCIATES	73 75 81
6912 HUNTERS WAY	61 61 83	PO BOX 17200		PO BOX 14427	
RALEIGH 27615		RALEIGH 27619		RALEIGH 27620	
TEMPLE U	919 733-3816	U OF NC	919 876-2732	DUKE	919 832-9253
WOODARD, PAUL RICHARD	AN AC	YELLIG, EDWARD BOOTH	IM AC	ZEOK, JOHN VICTOR	CDS /TS AC
1825 ST. MARY'S ST.	79 80 85	2800 BLUE RIDGE BLVD. STE. 503	69 75 78	3400 EXECUTIVE DR. STE. 102	67 81 82
RALEIGH 27608		RALEIGH 27607		RALEIGH 27609	
U OF NC	919 755-8000	JEFFERSON	919 782-7500	JEFFERSON	919 872-8080

93. WARREN COMPONENT SOCIETY

OFFICERS—President: K. D. Trivedi, M.D., 546 W. Ridgeway St., Warrenton 27589 (919 257-2346)
 Secretary: K. D. Trivedi, M.D., 546 W. Ridgeway St., Warrenton 27589 (919 257-2346)

95. WATAUGA COMPONENT SOCIETY

OFFICERS—President: John D. Davis, M.D., P.O. Box 8, Blowing Rock 28605 (704 295-3116)
 Secretary: Jo Francis Garner, II, M.D., 204 Doctor's Dr., Boone 28607 (704 264-4553)

ATKINS, WILLIAM SHAFFER	OPH AC	DOUGLAS, MICHAEL ERIN	AN AC	HERRING, WILLIAM ARTHUR, JR.	ORS AC
907 STATE FARM ROAD	71 71 78	301 BIRCH STREET	72 73 80	30 DOCTOR'S PARK	65 65 73
BOONE 28607		BOONE 28607		BOONE 28607	
BOWMAN GRAY	704 262-1554	U. OF ARIZONA	704 264-4691	MED U OF SC	704 264-1100
BRANDON, HENRY ALLEN, JR.	IM AC	FLEMING, STEPHEN G.	ORS AC	KADYK, JAN MARC	ORS AC
250 DOCTORS DRIVE	70 70 80	30 DOCTORS PARK	80 81 86	30 DOCTOR'S PARK	69 70 77
BOONE 28607		BOONE 28607		BOONE 28607	
BOWMAN GRAY	704 264-6362	BOWMAN GRAY	704 264-1100	U OF KANSAS	704 264-1100
CZERMAK, CHARLES LOUIS, JR.	DR AC	FURMAN, LOWELL BENJAMIN	GS /CDS AC	MARCHESE, JOHN RICHARD	OBG AC
P. O. BOX 1781	66 66 75	STATE FARM ROAD	55 63 63	40 DOCTORS DR.	61 61 71
BOONE 28607		BOONE 28607		BOONE 28607	
EMORY U	704 264-6984	U OF TENNESSEE	704 264-2340	GEORGETOWN U	704 264-9067
DAVANT, CHARLES, III	FP AC	FURMAN, RICHARD WARREN	TS /GS AC	MILLER, EDMUND EUGENE	OPH AC
P. O. BOX 8	72 72 77	702 STATE FARM ROAD	66 66 74	200 DOCTORS DRIVE	74 74 77
BLOWING ROCK 28605		BOONE 28607		BOONE 28607	
U OF NC	704 295-3116	MED COLL OF GA	704 264-2340	NORTHWESTERN U	704 264-0042
DAVANT, CHARLES, JR.	FP /OPH AC	GARNER, JO FRANCIS, II	D AC	NORDSTROM, CARL ROBERT	FP AC
P. O. BOX 8	45 48 48	204 DOCTOR'S DR.	76 78 82	10 DOCTOR'S DR.	76 79 87
BLOWING ROCK 28605		BOONE 28607		BOONE 28607	
MED U OF SC	704 295-3116	U OF SOU ALA	704 264-4553	BOWMAN GRAY	704 264-3881
DAVIS, JOHN D., JR.	FP AC	HAGAMAN, LEN DOUGHTON	GP AC	NORMAN, ANDY MURRAY	OBG AC
P. O. BOX 8	78 79 75	8 DOCTOR'S DR.	36 36 38	20 DOCTOR'S PARK	76 77 82
BLOWING ROCK 28605		BOONE 28607		BOONE 28607	
U OF NC	704 295-3116	U OF PENN	704 264-3923	MED COLL OF GA	704 264-1232
DEAN, CLAYTON CLEWIS	GS /CDS AC	HAMBY, JAMES LAWRENCE	U AC	STANLEY, RONALD JAY	D AC
207 LONGVUE DRIVE	60 60 70	WATAUGA MED. ARTS. BLDG.	67 68 72	204 DOCTORS DRIVE	72 72 81
BOONE 28607		BOONE 28607		BOONE 28607	
TULANE U	704 264-7650	U OF MARYLAND	704 264-5150	U OF NC	704 264-4553
DERRICK, WILLIAM ADAM, JR.	ADL /GP AC	HARMON, RAYMOND HARRIS	OPH L/RT	SYKES, CHARLIE LOUIS, JR.	IM AC
ASU HEALTH SERVICES	65 65 78	120 HIGHLAND AVENUE	36 36 36	250 DOCTORS DRIVE	77 77 79
BOONE 28608		BOONE 28607		BOONE 28607	
MED U OF SC	704 262-3100	MED COLL OF VA	704 264-8669	BOWMAN GRAY	704 264-6362

95. WATAUGA COMPONENT SOCIETY (Continued)

TAYLOR, RUSSELL CARL	IM /NEP AC	VANCE, THOMAS DOYLE	DR AC	WALLER, TED JAMES	ORS AC
250 DOCTORS DRIVE	64 64 70	904 STATE FARM ROAD	56 56 71	30 DOCTOR'S PARK	66 67 74
BOONE 28607		PO BOX 1097		BOONE 28607	
U OF NC	704 264-6362	BOONE 28607		NORTHWESTERN U	704 264-1100
TRATHEN, WILLIAM THOMAS	OBG AC	DUKE	704 264-6984		
20 DOCTORS PARK	64 64 70				
BOONE 28607					
U OF TORONTO	704 264-9067				

96. WAYNE COMPONENT SOCIETY

OFFICERS—President: Paul C. Bennett, M.D., 2400 Wayne Memorial Dr., Goldsboro 27530 (919 735-1251)

Secretary: David A. Rockwell, M.D., 2701 Medical Office Pl., Goldsboro 27530 (919 736-2157)

Executive Secretary: Peggy G. Potter, Caller Box 8001, Goldsboro 27530 (919 731-6133)

ATKINS, JAMES NORMAN	ON /IM AC	EDWARDS, CHARLES DANIEL	GS AC	HOWARD, CORBETT ETHERIDGE	TR /D L
201 COX BOULEVARD	76 77 85	202 CARSWELL LANE	50 59 59	2700 MEDICAL OFFICE PLACE	25 25 27
GOLDSBORO 27530		GOLDSBORO 27530		GOLDSBORO 27530	
BOWMAN GRAY	919 734-9455	U OF WISCONSIN	919 778-1205	U OF PENN	919 734-1866
BATEMAN, WALLACE BRYSON, JR.	EM AC	ETHERINGTON, JOHN L.	OPH /OTO L	JENNINGS, JOHN LEE, JR.	D AC
309 WALNUT CREEK DRIVE	76 76 79	2709 MEDICAL OFFICE PLACE	36 36 47	BOX 1399, 1100 E. ASH ST.	78 83 85
GOLDSBORO 27530		GOLDSBORO 27530		GOLDSBORO 27533	
U OF NC	919 778-6205	QUEENS U	919 735-3701	EASTERN VA	919 734-0944
BENNETT, PAUL CLIFFORD, JR.	FP AC	FAUSCH, MARK DAVID	IM AC	JONNALAGADDA, M. RAO	P /PH AC
2400 WAYNE MEM. DR., STE. B	55 55 59	1201-C WAYNE MEMORIAL DR.	79 81 83	CHERRY HOSPITAL	64 76 76
GOLDSBORO 27530		GOLDSBORO 27530		CALLER BOX 8000	
DUKE	919 735-1251	U OF MINN	919 734-7530	GOLDSBORO 27530	
BERKELEY, SCOTT BRUCE, JR.	GS AC	FISHER, JOHN APFEL	PD AC	GUNTUR MED COLL	919 731-3206
2400 WAYNE MEM. DR. STE. E	53 53 60	DEPUTY DIRECTOR, MED. SERV.	52 57 85	KNUTSON, THOMAS MARVIN	EM /FP AC
GOLDSBORO 27530		O'BERRY CENTER, BOX 247		P. O. BOX 10867	79 80 85
U OF MARYLAND	919 735-6021	GOLDSBORO 27530		GOLDSBORO 27530	
BLACKMAN, JESSE AYCOCK	GP AC	HAHNEMANN	919 731-3670	KOHLI, ASHA KIRAN	CHP /PD AC
109 S. SYCAMORE STREET	73 73 76	FORREST, TERRY LEE	OPH AC	505 PARKWOOD LANE	72 78 86
FREMONT 27830		PO BOX 10907	82 84 80	GOLDSBORO 27530	
U OF NC	919 242-6171	GOLDSBORO 27532		GSV MED COLLEGE	919 731-3317
BLAND, RALPH WINGATE	GS /TS AC	U OF NC	919 734-8440	KOKIKO, GEORGE VICTOR	PTH /CLP AC
2400 WAYNE MEM. DR., STE. J	52 52 60	GAGLIANO, LOUIS ANTHONY	P /GER AC	WAYNE COUNTY HOSPITAL	56 56 61
GOLDSBORO 27530		P. O. BOX 1975	71 72 77	CALLER BOX 8001	
BOWMAN GRAY	919 734-5010	GOLDSBORO 27530		GOLDSBORO 27530	
BOMBATEPE, VAMIK	FP AC	U OF LOUVAIN	919 734-8604	BOWMAN GRAY	919 735-1530
204 N. HERMAN STREET	51 51 74	GARCIA, GILBERT JOSEPH, JR.	GS /VS AC	KORNEGAY, HERVY BASIL, SR.	FP AC
GOLDSBORO 27530		1008 E. ASH STREET	78 78 85	238 SMITH CHAPEL ROAD	57 57 57
U OF ANKARA	919 735-7580	GOLDSBORO 27530		MOUNT OLIVE 28365	
BRENTON, BRADLEY CLARK	DR AC	U TX-SAN ANTONIO	919 734-6414	BOWMAN GRAY	919 658-4954
2700 MEDICAL OFFICE PLACE	79 80 85	GEER-BRENTON, LINDA LOU	DR AC	LAMBERT, JAMES ROYALL	FP AC
GOLDSBORO 27530		2700 MEDICAL OFFICE PLACE	81 82 85	238 SMITH CHAPEL RD.	78 78 78
U OF IOWA	919 734-1866	GOLDSBORO 27530		MOUNT OLIVE 28365	
BRUBECK, ELLEN TEMPLE	FP /GER AC	OHIO STATE U	919 734-1866	BOWMAN GRAY	919 658-4954
238 SMITH CHAPEL RD.	75 76 82	GOODEN, MICHAEL DEAN	OBG AC	LIES, STEPHEN CRAIG	OBG AC
MOUNT OLIVE 28365		2400 WAYNE MEM. DR., STE. K	73 74 77	2400 WAYNE MEM. DR., STE. K	76 79 81
OHIO STATE U	919 658-4954	GOLDSBORO 27530		GOLDSBORO 27530	
CAMPBELL, ROBERT RICHARD	R AC	U OF NC	919 734-3344	DUKE	919 734-3344
2700 MEDICAL OFFICE PLACE	66 66 73	GRANT, JOSEPH DURHAM	ORS AC	LONG, RONALD MORGAN	AN AC
GOLDSBORO 27530		2701 MEDICAL OFFICE PLACE	79 79 85	709 LIONEL ST.	81 81 84
MED COLL OF VA	919 734-1866	GOLDSBORO 27530		GOLDSBORO 27530	
CAMPBELL, WALKER HAWES	OBG AC	U OF TX-HOUSTON	919 736-2157	U OF TENNESSEE	LOWNES, MILTON MARKLEY, JR.
2400 WAYNE MEMORIAL DRIVE	63 63 73	GRIFFIN, ASHTON THOMAS, III	FP AC	130 N. CENTER STREET	47 51 52
GOLDSBORO 27530		2400 WAYNE MEMORIAL DRIVE	58 58 63	MOUNT OLIVE 28365	
MED COLL OF VA	919 734-3344	GOLDSBORO 27530		U OF LOUISVILLE	919 658-2505
CECIL, STEPHEN GERARD	AN AC	DUKE	919 735-8601	MALEKPOUR, BAHMAN	P AC
607 WOODBERRY DR.	81 82 84	GUPTA, GOOL KAPADIA	PUD /IM AC	1708 WAYNE MEMORIAL DR.	64 64 75
GOLDSBORO 27530		2704 MEDICAL OFFICE PLACE	66 75 76	PO BOX 1342	
U OF KENTUCKY	919 731-6089	GOLDSBORO 27530		GOLDSBORO 27530	
COMPTON, JOHN WALLACE	R AC	MAULANA AZAD	919 736-4724	U OF HAMBURG	919 734-2222
2700 MEDICAL OFFICE PLACE	45 52 53	GUPTA, JAGMOHAN DASS	CD /IM AC	MANESS, RUBIN FRANKLIN	PD /A AC
GOLDSBORO 27530		2704 MEDICAL OFFICE PLACE	66 66 74	2706 MEDICAL OFFICE PLACE	76 76 75
MED COLL OF VA	919 734-1866	GOLDSBORO 27530		GOLDSBORO 27530	
DALE, GROVER CLEVELAND	GP L	M C OF PUNJAB U	919 736-4724	U OF NC	919 734-4736
3293 RANDY ROAD	25 25 27	HARVIN, ALLAN BRASHAM	ORS AC	MATUS, SIMON	R /NM
LANCASTER, PA 17601		2701 MEDICAL OFFICE PLACE	68 68 76	PO BOX 983	41 41 72
U OF PENN	717 898-8033	GOLDSBORO 27530		KIRBYVILLE, TX 75956	
DAVIS, DONALD FALES	F /N AC	BOWMAN GRAY	919 736-2157	U OF CAPE TOWN	
ROUTE #10, BOX 46	55 55 64	HAVERKAMP, JOHN	D AC	MAYS, OLIVER AIKEN	PH AC
GOLDSBORO 27530		1706 EVERGREEN AVENUE	71 77 81	408 TAYLOR PLACE	45 45 70
BOWMAN GRAY	919 778-3973	GOLDSBORO 27530		GOLDSBORO 27530	
DRUMMOND, JACK NEWTON	FP AC	U OF AMSTERDAM	919 734-0944	MED U OF SC	919 731-1000
GRANTHAM MEDICAL CLINIC	57 57 62	HOUSE, RICHARD JAMES	OTO AC	MCLAMB, JOSEPH TIMOTHY	ORS AC
RT. 1, BOX 100-C		P. O. BOX 291	71 71 84	2701 MEDICAL OFFICE PLACE	67 67 76
GOLDSBORO 27530		SEVEN SPRINGS 28578		GOLDSBORO 27530	
BOWMAN GRAY	919 689-2222	INDIANA U	919 735-9146	U OF NC	919 736-2157

96. WAYNE COMPONENT SOCIETY (Continued)

MCLAMB, SAMUEL BAGGETT, JR. 201 COX BOULEVARD GOLDSBORO 27530 BOWMAN GRAY	IM AC 75 77 73 919 734-9455	POWELL, E. CHARLES 100 WOOTEN POINT ROAD GOLDSBORO 27530 U OF PENN	OBG L 35 35 37 919 778-2692	TEASLEY, BARRY HOYLE P. O. BOX 10907 103 COX BLVD. GOLDSBORO 27532 U OF NC	OPH AC 78 82 75 919 734-8440
MEYER, ROBERT SWENSON 307 CASHWELL DR. GOLDSBORO 27530 TEMPLE U	FP AC 74 75 79 919 658-4954	ROCKWELL, DAVID ALLEN 2701 MEDICAL OFFICE PLACE GOLDSBORO 27530 U OF NC	ORS AC 74 74 80 919 736-2157	THOMPSON, WINFIELD LYNN 216 S. HILLCREST DRIVE GOLDSBORO 27530 U OF MARYLAND	GS L/RT 38 38 46 919 734-2610
MILLER, WALTON H., JR. 1008 E. ASH STREET GOLDSBORO 27530 U OF CINCINNATI	GS/GYN L/RT 41 41 48 919 734-1141	RUSSELL, DOUGLAS MACARTHUR 304 GLEN OAK DRIVE GOLDSBORO 27530 U OF NC	GS AC 67 67 75 919 734-5010	TRACHTENBERG, WILLIAM 239 S. HILLCREST DRIVE GOLDSBORO 27530 DUKE	GP L/RT 39 46 47 919 734-0956
MORRIS, JAMES FRANCIS P. O. BOX 1153 GOLDSBORO 27530 U OF LOUISVILLE	PD AC 52 52 57 919 734-4014	SASSER, PATRICK HENRY 100 E. LOCKHAVEN DRIVE GOLDSBORO 27530 BOWMAN GRAY	GP AC 55 55 59 919 734-2924	TURNER, WILLIAM BOMAR, III 1604 E. MULBERRY ST. GOLDSBORO 27530 MED U OF SC	U AC 80 81 85 919 735-1635
MOTAPARTHY, VENKATASOMAIAH C. 2419-C E. ASH ST. GOLDSBORO 27530 KARNATAK U	GE AC 74 79 84 919 731-2526	SCHARF, FORREST LARRY WAYNE CO. MEM. HOSP. CALLER BOX 8001 GOLDSBORO 27530 MCGILL U	CLP/NM AC 56 65 78 919 735-1530	TYNDALL, HUBERT DURWOOD 2400 WAYNE MEMORIAL DRIVE GOLDSBORO 27530 U OF NC	GP AC 54 54 56 919 734-4845
NATION, ROY GLEN 407 N. HERMAN STREET GOLDSBORO 27530 LA STATE U	GP/IM AC 60 65 00 919 735-6261	SHACKELFORD, ROBERT HILLIARD 238 SMITH CHAPEL ROAD MOUNT OLIVE 28365 BOWMAN GRAY	FP AC 47 48 50 919 658-4954	VARNEY, DAVID ALLEN 305 WILLOW PLACE GOLDSBORO 27530 GEORGETOWN U	U/GS AC 68 69 76 919 778-6549
NICKENS, LARRY COBB 2706 MEDICAL OFFICE PLACE GOLDSBORO 27530 U OF NC	PD AC 81 84 84 919 734-4736	STACKHOUSE, WILLIAM JAMES 201 COX BLVD. GOLDSBORO 27530 EMORY U	IM 76 77 81 919 734-9455	WILKINS, KENNETH WORTH P. O. BOX 1977 GOLDSBORO 27530 U OF MARYLAND	AC 44 45 48 919 735-1253
PARKER, TALBOT FORT, JR. 2400 WAYNE MEM. DR. STE K GOLDSBORO 27530 JEFFERSON	OBG AC 51 51 57 919 734-3344	STOCKDALE, WAYNE HARROP 2700 WAYNE MEM. DR. GOLDSBORO 27530 U OF LOUISVILLE	EM/GS AC 45 52 53 919 736-1110	WILSON, A. ROSS, JR. 401 N. HERMAN ST. GOLDSBORO 27530 TEMPLE U	OTO AC 74 75 79 919 735-9146
PATE, WILLIAM HENRY P. O. BOX 129 PIKEVILLE 27863 MED COLL OF VA	GP AC 48 49 50 919 242-5271	STRICKLAND, NIGEL JOHN 2700 MEDICAL OFFICE PLACE GOLDSBORO 27530 CAMBRIDGE U	DR AC 59 70 78 919 734-1866	ZEALY, A. H. 105 N. CLAIRBORNE GOLDSBORO 27530 HARVARD	GP L/RT 30 32 34 919 734-1534
PONZI, JOSEPH WILLIAM 2706 MEDICAL OFFICE PLACE GOLDSBORO 27530 DOWNSTATE ME CTR	PD AC 73 74 81 919 734-4736	TAYLOE, DAVID THOMAS, JR. 2706 MEDICAL OFFICE PLACE GOLDSBORO 27530 U OF NC	PD AC 74 76 77 919 734-4736	ZWERLING, CHARLES SAMUEL WHISPERING PINE ACRES ROUTE #9, BOX 241-0 GOLDSBORO 27530 U OF BOLOGNA	OPH/A AC 77 81 82 919 778-2266

97. WILKES COMPONENT SOCIETY

OFFICERS—President: Jack Dawson, M.D., 230 10th St., P.O. Box 1264, N. Wilkesboro 28659 (919 838-3342)

Secretary: Craig R. Bennett, M.D., NW ORS Assoc., #3 Medical Arts Bldg., N. Wilkesboro 28659 (919 667-5039)

BAUGHAM, ILA EVANS DOCTOR'S BLDG., 8TH ST. PO BOX 309 NORTH WILKESBORO 28659 BOWMAN GRAY	PD AC 79 82 79 919 838-7466	COMPEAU, PHILLIP E. C. 1710 PARKWOOD DR., SOUTH WILKESBORO 28697 HARVARD	IM AC 71 72 78 919 667-1285	OLIVER, JOHN GLADSON 408 EIGHTH STREET NORTH WILKESBORO 28659 U OF MIAMI	OPH AC 75 76 81 919 838-5121
BAUGHAM, LEONARD ANDREW P. O. BOX 1146 NORTH WILKESBORO 28659 MED COLL OF GA	GS AC 75 76 84 919 667-4718	GROVES, ROBERT BLAINE RT. #1, BOX 275-B PURLEAR 28665 U OF LOUISVILLE	R AC 64 64 86 919 651-8100	SMITH, DUANE HOWARD 1018 RIVER ROAD WILKESBORO 28697 U OF CINCINNATI	OBG AC 58 58 77 704 667-8241
BENNETT, CRAIG RANDALL MEDICAL ARTS BLDG. NORTH WILKESBORO 28659 U OF NC	ORS AC 81 84 81 919 667-5039	HAWKINS, HAL BURGESS 11 GREEN WAY WILKESBORO 28697 CASE WESTERN RES	FP AC 53 53 55 919 838-3491	SONEK, MOJMIR JIRI C/O BRUSHY MOUNTAIN OB-GYN MEDICAL ARTS BLDG. NORTH WILKESBORO 28659 U OF OTTAWA	OBG AC 79 83 85 919 634-0051
BENNETT, JOHN NORTHWOOD ROUTE #1, BOX 96 MORAVIAN FALLS 28654 MCGILL U	R AC 47 51 53 919 838-3896	HAYES, WILLIAM CLAYTON P. O. BOX 540 WILKESBORO 28697 BOWMAN GRAY	GP AC 47 48 50 919 667-6871	WATSON, JERRY FRANKLIN EIGHTH ST. PO BOX 789 N. WILKESBORO 28659 U OF TENNESSEE	GS AC 60 60 73 919 667-1183
BOND, JOHN LAWRENCE, JR. P. O. BOX 1128 N. WILKESBORO 28659 U OF TENNESSEE	GS/ORS AC 54 60 60 919 838-4789	KILBY, LARRY SHELTON 505 13TH ST. LOFLAND BLDG. NORTH WILKESBORO 28659 BOWMAN GRAY	FP/GER AC 68 68 74 919 667-3922	WHICKER, CHARLES FINCH BRUSHY MTN. OB-GYN ASSOC. MEDICAL ARTS BLDG. N. WILKESBORO 28659 TEMPLE U	OBG AC 51 58 59 919 667-1156
BRYAN, THOMAS RHUDY, JR. MEDICAL ARTS BUILDING P. O. BOX 1163 NORTH WILKESBORO 28659 BOWMAN GRAY	PD/OBS AC 54 54 56 919 838-2500	LONDON, HENRY CLAYTON, III 501 TENTH STREET NORTH WILKESBORO 28659 U OF VIRGINIA	FP/IM AC 47 49 50 919 838-5761		
BUNDY, WILLIAM LUMSDEN DOCTORS BLDG. PO BOX 786 N. WILKESBORO 28659 VANDERBILT U	IM/GP L 36 36 40 919 838-2442	MCMAHAN, THOMAS KEITH PO BOX 976 1710 PARKWOOD DR. NORTH WILKESBORO 28697 WASHINGTON U	IM/FP AC 70 70 74 919 667-2634		

98. WILSON COMPONENT SOCIETY

OFFICERS—President: Jerry C. Woodard, M.D., 1700 S. Tarboro St., Wilson 27893 (919 291-1300)

Secretary: Thomas E. Hooper, M.D., 1901 S. Tarboro St., Wilson 27893 (919 243-5505)

ADAMS, LEON ASHBY 1700 S. TARBORO ST. WILSON 27893 U OF VIRGINIA	OTO AC 46 52 74 919 291-1300	CONNELL, GEORGE FREDERICK 1105 BROOKSIDE DRIVE WILSON 27893 U OF TORONTO	AN AC 57 58 75 919 291-1700	HUNT, CLYDE MCCOY, JR. 1802 WILDWOOD COURT WILSON 27893 BOWMAN GRAY	AN AC 73 74 87 919 291-1700
ANDERSON, DUDLEY BUIST 1700 S. TARBORO ST. WILSON 27893 U OF VIRGINIA	ON/HEM AC 64 64 73 919 291-1300	COWAN, LEON KERR WILSON DERM. CLINIC, PA 702 BROAD ST. WILSON 27893 U OF NC	D AC 54 54 81 919 291-5600	JENNETTE, ALBERT TYSON 1700 S. TARBORO ST. WILSON 27893 U OF NC	ORS AC 59 59 65 919 291-1300
ANDERSON, KENT THOMAS 1704 S. TARBORO ST. WILSON 27893 EAST CAROLINA U	IM AC 82 83 81 919 291-7001	CUBBERLEY, CHARLES LAMB, JR. P. O. BOX 95 WILSON 27894 JEFFERSON	FP L 40 47 47 919 243-4638	JONES, GREGORY LEE 2104 HERMITAGE RD. WILSON 27893 U OF NC	FP AC 77 79 85 919 238-2407
APPERT, ROBERT ALBERT 1700 S. TARBORO STREET WILSON 27893 ALBANY MED COLL	ORS AC 71 72 78 919 291-1300	DAVIS, NELSON PARKE, II 1700 S. TARBORO STREET WILSON 27893 U OF NC	GS/CDS AC 66 66 75 919 291-1300	JONES, JEFFREY DAVID 1205 GREENBRIAR COURT WILSON 27893 U OF ROCHESTER	GE/IM AC 71 73 79 919 291-7001
BELL, GEORGE ERICK, JR. WILSON CLINIC WILSON 27893 HARVARD	ORS AC 48 48 57 919 291-7001	DE GUEHERY, LINDSEY ELLIOTT 1700 S. TARBORO ST. WILSON 27893 U OF SOU FLORIDA	PUD AC 79 80 85 919 291-1300	KANG, JOON P. O. BOX 218, MAIN STREET BAILEY 27807 PUSAN NATL U	FP AC 60 77 78 919 235-4181
BERGERON, JOSEPH CHARLES, JR. 102 WILSHIRE BOULEVARD WILSON 27893 LA STATE U	PTH AC 74 74 83 919 399-8114	DEWALD, JONATHON GLEN 1700 S. TARBORO ST. WILSON 27893 MED COLL OF GA	IM AC 80 80 84 919 291-1300	KIRKLAND, JOHN ALVIN 1700 S. TARBORO ST. WILSON 27893 HARVARD	OBG AC 52 52 60 919 291-9010
BOHNSACK, MICHAEL ROBERT 3305 MILLBROOK DR. WILSON 27893 M C OF WISCONSIN	AN AC 81 82 85 919 291-1700	EASOM, HERMAN FRANKLIN P. O. BOX 1521 WILSON 27893 WASHINGTON U	PUD/R L 27 27 29 919 243-4752	KRABILL, LAWRENCE DAVID 1700 S. TARBORO ST. WILSON 27893 OHIO STATE U	IM/RHU AC 71 71 78 919 291-1300
BOWEN, MICHAEL LYNN P. O. BOX 310 STANTONSBURG 27883 INDIANA U	FP AC 77 77 81 919 238-2101	EASON, GEORGE WILLIAM 111 RIPLEY ROAD WILSON 27893 U OF ALABAMA	DR AC 74 75 80 919 399-8112	KUK, DENNIS STANLEY 1704 S. TARBORO STREET WILSON 27893 U OF VERMONT	OBG/GYN AC 69 69 79 919 291-7001
BOWERS, SCOTT P. #5 SILVER LAKE VILLAS WILSON 27893 INDIANA U	OPH AC 79 79 83 919 291-1300	FISHER, EARL ELLIOTT, JR. 1700 S. TARBORO STREET WILSON 27893 U OF NC	PD AC 64 64 70 919 291-4370	LADWIG, HAROLD ALLEN 1600 CANAL DRIVE WILSON 27893 U OF IOWA	N AC 47 48 84 919 237-5877
BOYD, DEBORAH DAETWYLER 1704 S. TARBORO ST. WILSON 27893 U OF NC	GS AC 77 77 77 919 291-7001	FITCH, DUANE DOUGLAS 1704 S. TARBORO ST. WILSON 27893 U OF MICHIGAN	GE/IM AC 79 80 85 919 291-7001	LAMANNA, ROGER WEED 1700 TARBORO STREET WILSON 27893 MED COLL OF VA	NEP/IM AC 74 74 79 919 291-1300
BREZINA, EDWARD SHARP, JR. 1911 CANAL DRIVE WILSON 27893 U OF MIAMI	OBG AC 75 77 82	GEARING, FRANK WILSON, III 2112 W. NASH ST. WILSON 27893 MED COLL OF VA	PD AC 75 78 80 919 237-2151	LUND, JOHN JEFFERSON 1700 S. TARBORO ST. WILSON 27893 U OF VIRGINIA	CD/IM AC 57 64 65 919 291-1300
BRINKMAN, DENNIS MICHAEL 1203 GREENBRIAR COURT WILSON 27893 U OF MICHIGAN	AN AC 71 72 80 919 291-1700	GLOVER, JAMES BUNYAN CAROLINA CLINIC WILSON 27893 U OF NC	OBG AC 57 57 66 919 291-9010	MALONEY, THOMAS RICHARD NC SPECIAL CARE CTR WARD BOULEVARD WILSON 27893 NEW YORK U	GER/IM AC 47 48 71 919 237-1121
BULLARD, HOKE VOGLER, JR. WILSON CLINIC WILSON 27893 HARVARD	IM AC 51 51 58 919 291-7001	GRAHAM, GLORIA FLIPPIN 702 BROAD STREET WILSON 27893 BOWMAN GRAY	D AC 61 61 67 919 291-5600	MATTOX, HUITT EVERETT 1700 S. TARBORO ST. WILSON 27893 DUKE	OBG AC 54 54 61 919 291-9010
BURBA, ALONZO RICHARD 1700 S. TARBORO ST. WILSON 27893 U OF OKLAHOMA	FP AC 76 79 80 919 291-1300	GRIFFIN, THOMAS LAFAYETTE 1700 S. TARBORO ST. WILSON 27893 MED COLL OF GA	U AC 59 65 65 919 291-1300	MCCAIN, JOHN LEWIS WILSON CLINIC WILSON 27893 U OF VIRGINIA	RHU/IM AC 52 56 57 919 291-7001
BURDICK, RICHARD LAWRENCE 1704 S. TARBORO ST. WILSON 27893 U OF VIRGINIA	IM AC 75 83 86 919 291-7001	GRINE, WILLIAM BARK 1704 TARBORO STREET WILSON 27893 U OF VIRGINIA	U AC 60 64 66 919 291-7001	MELCHIOR, JOSEPHINE T. 1124 NIBLICK DRIVE ROCKY MOUNT 27801 MED COLL OF VA	PD L/RT 42 48 49 919 442-8290
BURNETTE, J. P. ENGLEWOOD DR., KENLY CLI. KENLY 27542 BOWMAN GRAY	IM AC 75 75 80 919 284-5151	GRODE, HARVEY E. WILSON CLINIC WILSON 27893 DUKE	IM/ON AC 60 60 67 919 291-7001	MICHALAK, DANIEL PETER 1700 S. TARBORO ST. WILSON 27893 HAHNEMANN	OBG AC 80 81 84 919 291-9010
BUSCH, JAMES R. 1700 S. TARBORO ST. WILSON 27893 MED COLL OF VA	PD AC 72 75 84 919 291-4370	HARDISON, MITCHELL DALE BRENTWOOD MEDICAL CENTER WILSON 27893 U OF NC	IM AC 80 81 81 919 291-7001	NEELAND, EUGENE CRAWFORD 606 FAIRVIEW AVENUE WILSON 27893 U OF ALABAMA	FP L/RT 54 54 55 919 243-5530
CAMPBELL, JOSEPH LESTER 306 FOREST HILLS ROAD WILSON 27893 U OF PENN	GPM/PH L 35 35 56 919 291-8523	HERRING, THEODORE TILGHMAN 1704 S. TARBORO ST. WILSON 27893 JOHNS HOPKINS	OM/GP L/RT 38 38 41	NEWELL, JOSEPHINE E. RALEIGH TOWNE, APT. #47 525 WADE AVENUE RALEIGH 27605 U OF MARYLAND	FP AC 49 49 51 919 733-7611
CLARK, LEE ANDREW, JR. WILSON CLINIC WILSON 27893 U OF NC	OPH AC 56 56 63 919 291-7001	HOOPER, THOMAS EUGENE INTERNAL MEDICINE ASSOCIATES P. O. BOX 3188 WILSON 27893 U OF NC	IM AC 73 73 77 919 243-5505	POPE, ROBERT CLYDE WILSON CLINIC WILSON 27893 BOWMAN GRAY	PD AC 45 45 51 919 291-7001
COLLINSON, FRANK WILSON MEM. HOSP. X-RAY DEPT. WILSON 27893 U OF GLASGOW	DR/NR AC 63 63 79 919 399-8112				

98. WILSON COMPONENT SOCIETY (Continued)

PRICE, ANDREW RICHARD 1901 S. TARBORO ST. PO BOX 3188 WILSON 27893 DUKE	IM AC 65 65 73	SLOOP, ROBERT F., JR. WILSON CLINIC WILSON 27893 U OF NC	OPH AC 60 65 68	TORREY, RICHARD KENDRICK THE MIDDLESEX CLINIC P. O. BOX 100 MIDDLESEX 27557 LA STATE U	FP AC 80 80 84
PUTNEY, ROBERT HUBBARD, JR. P. O. BOX 519 ELM CITY 27822 MED COLL OF VA	919 243-5505 FP AC 43 43 46	STONE, ROBERT THOMAS 1704 S. TARBORO STREET WILSON 27893 U OF VIRGINIA	919 291-7008 OTO AC 65 65 73	VANDENBOSCH, GERALD C. 1704 S. TARBORO ST. WILSON 27893 WAYNE STATE U	919 235-4078 ORS AC 77 78 86
RAND, TOM SLADE 1704 S. TARBORO ST. WILSON 27893 U OF NC	919 236-4341 ORS AC 63 63 72	SUNDERMAN, MICHAEL ROBERT P. O. BOX 310 STANTONSBURG 27883 INDIANA U	919 291-7001 FP AC 77 77 81	WHITAKER, JAMES ALLEN, III 1704 S. TARBORO ST. WILSON 27893 U OF NC	919 291-7001 CD /IM AC 68 68 78
RASBERRY, EDWIN ALBERT, JR. WILSON CLINIC WILSON 27893 U OF PENN	919 291-7001 IM L 41 41 48	TAYLOR, JAMES VAN, III 1704 S. TARBORO STREET WILSON 27893 U OF NC	919 238-2101 FP AC 80 81 83	WOODALL, HAL BREEN BOX 878 KENLY 27542 BOWMAN GRAY	919 291-1300 IM AC 75 75 79
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Anthony, William Augustus, Gastonia — 6-6-86
Bailey, Joseph Peden, Flat Rock — 12-2-86
Barber, Tracy Ezra, Jr., Winston-Salem — 4-10-87
Barefoot, Sherwood Washington, Sr., Greensboro — 4-20-87
Best, DeLeon Edward, Goldsboro — 8-21-86
Bumgardner, Heath Denton, Dunn — 12-5-86
Caldwell, Eston Robert, Jr., Statesville — 12-21-86
Callison, Caroline H., Clinton — 1986
Chandler, Ernest T., Richlands — 6-4-86
Cheek, Kenneth Maurice, New London — 7-12-86
Chidester, Augustus Benjamin, Hendersonville — 1-14-87
Clark, Perry Belton, Winston-Salem — 11-30-86
Codnere, John Thomas, Black Mt. — 5-17-87
Coleman, Julian Barrus, Kinston — 6-8-86
Cone, Donald Frank, Greensboro — 7-5-87
Coughlin, Joyce Desmond, Asheville — 4-23-87
Crane, George L., Durham — 3-23-87
Creed, George O., Laurinburg — 1987
Dailey, Martel Jennings, Williamston — 8-13-86
Dewar, William B., Rocky Mt., VA — 5-3-87
Durante, Spencer Emanuel, Jr., Charlotte — 3-19-87
Elliott, John Palmer, Rockingham — 4-6-87
Floyd, William Russel, Spartanburg, SC — 12-15-86
Foster, Malcolm Tennyson, Sr., Fayetteville — 1-25-87
Fuller, Henry Fleming, Kinston — 10-3-86
Glenn, Charles Arthur, Gastonia — 1-4-87
Gobble, Fleetus Lee, Jr., Winston-Salem — 11-15-86
Goley, Willard Coe, Graham — 6-1-86
Hanes, Gideon Isaac, Jr., Winston-Salem — 2-2-87
Harbach, Francis Oliver, Fayetteville — 9-29-86
Harris, Isaac Emerson, Jr., Durham — 5-17-87
Hawes, G. Aubrey, Charlotte — 2-19-87

Hendrix, James Paisley, Greensboro — 1987
Hubbard, Frederick Cecil, North Wilkesboro — 7-9-86
James, Arthur Augustus, Jr., Sanford — 9-21-86
Kapp, Constantine Hege, Winston-Salem — 7-29-86
Kouri, Moses Lawrence, Jr., Charlotte — 3-21-87
Lawrence, Benjamin Jones, Sr., Mt. Airy — 10-5-86
Love, J. Grafton, Rochester, MN — 5-29-87
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McBryde, Angus Murdoch, Sr., Durham — 9-16-86
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Naso, Stephen J., Sr., Charlotte — 9-22-86
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Peschel, Ruth Lohmann, Durham — 12-29-86
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Shaw, John Alexander, Fayetteville — 3-23-87
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Stuart, John James, Pfafftown — 8-24-86
Summerlin, Harry Holler, Sr., Laurinburg — 10-25-86
Thomas, David Pryse, Wilmington — 5-20-87
Vala, M. Sylvester, Raleigh — 1986
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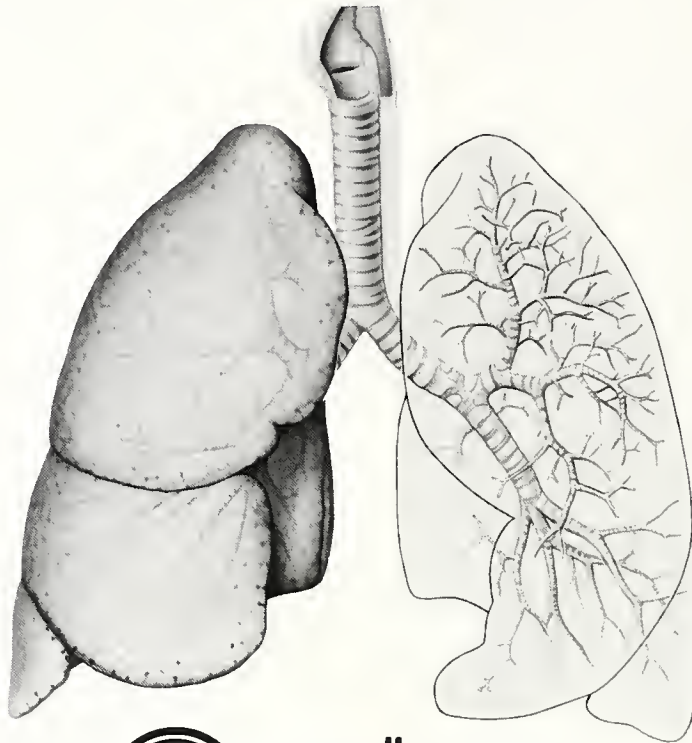


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the major causes of bacterial bronchitis**

Haemophilus influenzae, Streptococcus pneumoniae
(ampicillin-susceptible and ampicillin-resistant)

Note: Ceclor is contraindicated in patients with known allergy to the cephalosporins and should be given cautiously to penicillin-allergic patients.

Penicillin is the usual drug of choice in the treatment and prevention of streptococcal infections, including the prophylaxis of rheumatic fever. See prescribing information.

Ceclor[®] (cefactor)

Summary. Consult the package literature for prescribing information.

Indications: Lower respiratory infections, including pneumonia, caused by susceptible strains of *Streptococcus pneumoniae*, *Haemophilus influenzae*, and *Streptococcus pyogenes* (group A β -hemolytic streptococci).

Contraindication:
Known allergy to cephalosporins.

Warnings:
CECLOR SHOULD BE ADMINISTERED CAUTIOUSLY TO PENICILLIN-SENSITIVE PATIENTS. PENICILLINS AND CEPHALOSPORINS SHOW PARTIAL CROSS-ALLERGENICITY. POSSIBLE REACTIONS INCLUDE ANAPHYLAXIS.

Administer cautiously to allergic patients. Pseudomembranous colitis has been reported with virtually all broad-spectrum antibiotics. It must be considered in differential diagnosis of antibiotic-associated diarrhea. Colon flora is altered by broad-spectrum antibiotic treatment, possibly resulting in antibiotic-associated colitis.

Precautions:

- Discontinue Ceclor in the event of allergic reactions to it
- Prolonged use may result in overgrowth of nonsusceptible organisms.
- Positive direct Coombs' tests have been reported during treatment with cephalosporins.
- Ceclor should be administered with caution in the presence of markedly impaired renal function. Although dosage adjustments in moderate to severe renal impairment are usually not required, careful clinical observation and laboratory studies should be made.
- Broad-spectrum antibiotics should be prescribed with caution in individuals with a history of gastrointestinal disease, particularly colitis.
- Safety and effectiveness have not been determined in pregnancy, lactation, and infants less than one month old. Ceclor penetrates mother's milk. Exercise caution in prescribing for these patients.

Adverse Reactions: (percentage of patients)

Therapy-related adverse reactions are uncommon. Those reported include:

- Gastrointestinal (mostly diarrhea): 2.5%.
- Symptoms of pseudomembranous colitis may appear either during or after antibiotic treatment.
- Hypersensitivity reactions (including morbilliform eruptions, pruritus, urticaria, and serum-sickness-like reactions that have included erythema multiforme [rarely, Stevens-Johnson syndrome] or the above skin manifestations accompanied by arthritis/arthralgia and, frequently, fever): 1.5%; usually subside within a few days after cessation of therapy. Serum-sickness-like reactions have been reported more frequently in children than in adults and have usually occurred during or following a second course of therapy with Ceclor. No serious sequelae have been reported. Antihistamines and corticosteroids appear to enhance resolution of the syndrome.
- Cases of anaphylaxis have been reported, half of which have occurred in patients with a history of penicillin allergy.
- As with some penicillins and some other cephalosporins, transient hepatitis and cholestatic jaundice have been reported rarely.
- Rarely, reversible hyperactivity, nervousness,

insomnia, confusion, hypertonia, dizziness, and somnolence have been reported.

- Other: eosinophilia, 2%; genital pruritus or vaginitis, less than 1%; and, rarely, thrombocytopenia.

Abnormalities in laboratory results of uncertain etiology

- Slight elevations in hepatic enzymes.
- Transient fluctuations in leukocyte count (especially in infants and children).
- Abnormal urinalysis; elevations in BUN or serum creatinine.
- Positive direct Coombs' test.
- False-positive tests for urinary glucose with Benedict's or Fehling's solution and Clinistest[®] tablets but not with Tes-Tape[®] (glucose enzymatic test strip, Lilly).

[072886R]
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Additional information available to the profession on request from Eli Lilly and Company, Indianapolis, Indiana 46285.

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**Depressed and anxious,
she's sitting out life
instead of living it**

From "looking"..



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to "living"..



FOR FAST RELIEF OF MODERATE DEPRESSION AND ANXIETY
See the difference in the first week¹

Limbitrol[®] **Limbitrol[®] DS**

Each tablet contains 5 mg clordiazepoxide and 12.5 mg amitriptyline (as the hydrochloride salt) 

Each tablet contains 10 mg clordiazepoxide and 25 mg amitriptyline (as the hydrochloride salt) 

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Please see summary of product information on adjacent page.

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In moderate depression and anxiety:

- Rapid results—62% of total four-week improvement within a week versus 44% with amitriptyline¹
- Earlier relief of associated somatic complaints²
- Fewer dropouts due to side effects—only 1/3 the rate of those patients taking amitriptyline, although the incidence of side effects is comparable¹
- Fast improvement with less amitriptyline—1/3 to 1/2 the dose of patients taking amitriptyline alone³

Caution patients about the combined effects of Limbitrol with alcohol or other CNS depressants and about activities requiring complete mental alertness, such as operating machinery or driving a car. In general, limit dosage to the lowest effective amount in elderly patients.



SEE THE DIFFERENCE IN THE FIRST WEEK¹

Limbitrol[®]

Each tablet contains 5 mg clordiazepoxide and 12.5 mg amitriptyline (as the hydrochloride salt) ^{IV}

Limbitrol[®] DS

Each tablet contains 10 mg clordiazepoxide and 25 mg amitriptyline (as the hydrochloride salt) ^{IV}

PROTECT YOUR DECISION. WRITE "DO NOT SUBSTITUTE"

References: 1. Feighner JP, et al. *Psychopharmacology* 61:217-225, Mar 22, 1979. 2. Data on file, Hoffmann-La Roche Inc., Nutley, NJ. 3. Dixon R, Cohen J. *J Clin Psychopharmacol* 3:107-109, Apr 1983.

Limbitrol[®]

Tranquilizer—Antidepressant

Before prescribing, please consult complete product information, a summary of which follows:

Indications: Relief of moderate to severe depression associated with moderate to severe anxiety.

Contraindications: Known hypersensitivity to benzodiazepines or tricyclic antidepressants. Do not use with monoamine oxidase (MAO) inhibitors or within 14 days following discontinuation of MAO inhibitors since hyperpyretic crises, severe convulsions and deaths have occurred with concomitant use; then initiate cautiously, gradually increasing dosage until optimal response is achieved. Contraindicated during acute recovery phase following myocardial infarction.

Warnings: Use with great care in patients with history of urinary retention or angle-closure glaucoma. Severe constipation may occur in patients taking tricyclic antidepressants and anticholinergic-type drugs. Closely supervise cardiovascular patients. (Arrhythmias, sinus tachycardia and prolongation of conduction time reported with use of tricyclic antidepressants, especially high doses. Myocardial infarction and stroke reported with use of this class of drugs.) Caution patients about possible combined effects with alcohol and other CNS depressants and against hazardous occupations requiring complete mental alertness (e.g., operating machinery, driving).

Usage in Pregnancy: Use of minor tranquilizers during the first trimester should almost always be avoided because of increased risk of congenital malformations as suggested in several studies. Consider possibility of pregnancy when instituting therapy; advise patients to discuss therapy if they intend to or do become pregnant.

Since physical and psychological dependence to clordiazepoxide have been reported rarely, use caution in administering Limbitrol to addiction-prone individuals or those who might increase dosage; withdrawal symptoms following discontinuation of either component alone have been reported (nausea, headache and malaise for amitriptyline; symptoms [including convulsions] similar to those of barbiturate withdrawal for clordiazepoxide).

Precautions: Use with caution in patients with a history of seizures, in hyperthyroid patients or those on thyroid medication, and in patients with impaired renal or hepatic function. Because of the possibility of suicide in depressed patients, do not permit easy access to large quantities in these patients. Periodic liver function tests and blood counts are recommended during prolonged treatment. Amitriptyline component may block action of guanethidine or similar antihypertensives. When tricyclic antidepressants are used concomitantly with cimetidine (Tagamet), clinically significant effects have been reported involving delayed elimination and increasing steady state concentrations of the tricyclic drugs. Concomitant use of Limbitrol with other psychotropic drugs has not been evaluated; sedative effects may be additive. Discontinue several days before surgery. Limit concomitant administration of ECT to essential treatment. See Warnings for precautions about pregnancy. Limbitrol should not be taken during the nursing period. Not recommended in children under 12. In the elderly and debilitated, limit to smallest effective dosage to preclude ataxia, oversedation, confusion or anticholinergic effects.

Adverse Reactions: Most frequently reported are those associated with either component alone: drowsiness, dry mouth, constipation, blurred vision, dizziness and bloating. Less frequently occurring reactions include vivid dreams, impotence, tremor, confusion and nasal congestion. Many depressive symptoms including anorexia, fatigue, weakness, restlessness and lethargy have been reported as side effects of both Limbitrol and amitriptyline. Granulocytopenia, jaundice and hepatic dysfunction have been observed rarely.

The following list includes adverse reactions not reported with Limbitrol but requiring consideration because they have been reported with one or both components or closely related drugs:

Cardiovascular: Hypotension, hypertension, tachycardia, palpitations, myocardial infarction, arrhythmic heart block, stroke.

Psychiatric: Euphoria, apprehension, poor concentration, delusions, hallucinations, hypomania and increased or decreased libido.

Neurologic: Incoordination, ataxia, numbness, tingling and paresthesias of the extremities, extrapyramidal symptoms, syncope, changes in EEG patterns.

Anticholinergic: Disturbance of accommodation, paralytic ileus, urinary retention, dilatation of urinary tract.

Allergic: Skin rash, urticaria, photosensitization, edema of face and tongue, pruritus.

Hematologic: Bone marrow depression including agranulocytosis, eosinophilia, purpura, thrombocytopenia.

Gastrointestinal: Nausea, epigastric distress, vomiting, anorexia, stomatitis, peculiar taste, diarrhea, black tongue.

Endocrine: Testicular swelling and gynecomastia in the male, breast enlargement, galactorrhea and menstrual irregularities in the female, elevation and lowering of blood sugar levels, and syndrome of inappropriate ADH (antidiuretic hormone) secretion.

Other: Headache, weight gain or loss, increased perspiration, urinary frequency, mydriasis, jaundice, alopecia, parotid swelling.

Overdosage: Immediately hospitalize patient suspected of having taken an overdose. Treatment is symptomatic and supportive. IV administration of 1 to 3 mg physostigmine salicylate has been reported to reverse the symptoms of amitriptyline poisoning. See complete product information for manifestations and treatment.

Dosage: Individualize according to symptom severity and patient response. Reduce to smallest effective dosage when satisfactory response is obtained. Larger portion of daily dose may be taken at bedtime. Single h.s. dose may suffice for some patients. Lower dosages are recommended for the elderly. Limbitrol DS (double strength) Tablets, initial dosage of three or four tablets daily in divided doses, increased up to six tablets or decreased to two tablets daily as required. Limbitrol Tablets, initial dosage of three or four tablets daily in divided doses, for patients who do not tolerate higher doses.

How Supplied: Double strength (DS) Tablets, white, film-coated, each containing 10 mg clordiazepoxide and 25 mg amitriptyline (as the hydrochloride salt), and Tablets, blue, film-coated, each containing 5 mg clordiazepoxide and 12.5 mg amitriptyline (as the hydrochloride salt). Available in bottles of 100 and 500; Tel-E-Dose[®] packages of 100; Prescription Paks of 50.



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15 days may be performed in separate increments, as planned and coordinated by the unit commander to fulfill the National Guard requirement and to accommodate your professional schedule.

There are other ways you can perform annual training. How about establishing and manning a field hospital? This comes under Site Support, and it's the kind of training that requires your unit to travel to a camp and actively practice the skills needed to meet real Army Guard emergencies. It's a lot of work, but a lot of excitement, too.

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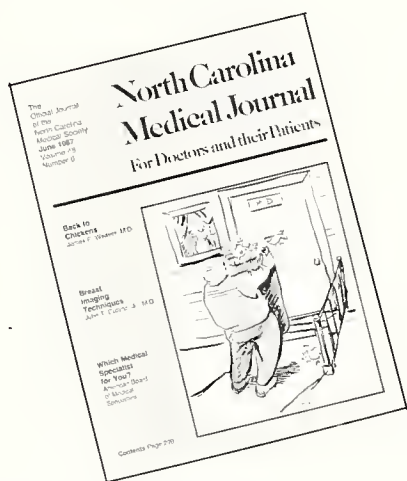
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- **Better GI absorption^{6,7}**
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As with all loop diuretics, excessive doses of BUMEX can lead to profound diuresis with water and electrolyte depletion, including hypokalemia, so serum electrolytes should be monitored.



Bumex[®]

bumetanide/Roche

0.5-mg, 1-mg and 2-mg scored tablets; 2-ml ampuls and 2-ml, 4-ml and 10-ml vials (0.25 mg/ml)

References: 1. Flomenbaum W: *Am J Cardiol* 57(2):384-43A, 1986. 2. Brater DC, Fox WR, Chennavasin P: *J Clin Pharmacol* 21:599-603, 1981. 3. Iber FL, Baum RA: *J Clin Pharmacol* 21:697-700, 1981. 4. Henning R, Lundvall O: *Eur J Clin Pharmacol* 6:224-227, 1973. 5. Physicians' Desk Reference, 40th ed. Oradell, NJ, Medical Economics Company, 1986, pp. 939, 1480. 6. Penikainen PJ, et al: *Br J Clin Pharmacol* 4:39-44, 1977. 7. Losix, A Review. Somerville, NJ, Hoechst-Roussel Pharmaceuticals, Inc., 1980.

BUMEX[®]
(bumetanide/Roche)
0.5-mg, 1-mg and 2-mg scored tablets
2-ml ampuls, 2-ml, 4-ml and
10-ml vials (0.25 mg/ml)
Before prescribing, please consult complete product information, a summary of which follows:

WARNING: Bumex (bumetanide/Roche) is a potent diuretic which, if given in excessive amounts, can lead to a profound diuresis with water and electrolyte depletion. Therefore, careful medical supervision is required, and dose and dosage schedule have to be adjusted to the individual patient's needs. (See under DOSAGE AND ADMINISTRATION in complete product information.)

INDICATIONS AND USAGE: Edema associated with congestive heart failure, hepatic and renal disease, including the nephrotic syndrome.

Almost equal diuretic response occurs after oral and parenteral administration of Bumex. If impaired gastrointestinal absorption is suspected or oral administration is not practical, Bumex should be given by the intramuscular or intravenous route.

Successful treatment with Bumex following instances of allergic reactions to furosemide suggests a lack of cross-sensitivity.

CONTRAINDICATIONS: Anuria. Hypersensitivity and in patients in hepatic coma or in states of severe electrolyte depletion. Although Bumex can be used to induce diuresis in renal insufficiency, any marked increase in blood urea nitrogen or creatinine, or the development of oliguria during therapy of patients with progressive renal disease, is an indication for discontinuation of treatment.

WARNINGS: Dose should be adjusted to patient's needs. Excessive doses or too frequent administration can lead to profound water loss, electrolyte depletion, dehydration, reduction in blood volume and circulatory collapse with the possibility of vascular thrombosis and embolism, particularly in elderly patients.

Prevention of hypokalemia requires particular attention in patients receiving digitalis and diuretics for congestive heart failure, hepatic cirrhosis and ascites, states of aldosterone excess with normal renal function, potassium-losing nephropathy, certain diarrheal states, or other states where hypokalemia is thought to represent particular added risk to the patients.

In patients with hepatic cirrhosis and ascites, sudden alterations of electrolyte balance may precipitate hepatic encephalopathy and coma. Treatment in such patients is best initiated in the hospital with small doses and careful monitoring of the patient's clinical status and electrolyte balance. Supplemental potassium and/or spironolactone may prevent hypokalemia and metabolic alkalosis in these patients. In cats, dogs and guinea pigs, Bumex has been shown to produce ototoxicity. Since Bumex is about 40 to 60 times as potent as furosemide, it is anticipated that blood levels necessary to produce ototoxicity will rarely be achieved. The potential for ototoxicity increases with intravenous therapy, especially at high doses.

Patients allergic to sulfonamides may show hypersensitivity to Bumex.

PRECAUTIONS: Measure serum potassium periodically and add potassium supplements or potassium-sparing diuretics, if necessary. Periodic determinations of other electrolytes are advised in patients treated with high doses or for prolonged periods, particularly in those on low salt diets.

Hyperuricemia may occur. Reversible elevations of the BUN and creatinine may occur, especially with dehydration and in patients with renal insufficiency. Bumex may increase urinary calcium excretion. Possibility of effect on glucose metabolism exists. Periodic determinations of blood sugar should be done, particularly in patients with diabetes or suspected latent diabetes.

Patients should be observed regularly for possible occurrence of blood dyscrasias, liver damage or idiosyncratic reactions.

Especially in presence of impaired renal function, use of parenterally administered Bumex should be avoided in patients to whom aminoglycoside antibiotics are also being given, except in life-threatening conditions.

Drugs with nephrotoxic potential and bumetanide should not be administered simultaneously. Since lithium reduces renal clearance and adds a high risk of lithium toxicity, it should not be given with diuretics.

Probenecid should not be administered concurrently with Bumex.

Concurrent therapy with indomethacin not recommended.

Bumex may potentiate the effects of antihypertensive drugs, necessitating reduction in dosage.

Interaction studies in humans have shown no effect on digoxin blood levels.

Interaction studies in humans have shown Bumex to have no effect on warfarin metabolism or on plasma prothrombin activity.

Pregnancy: Bumex should be given to a pregnant woman only if the potential benefit justifies the potential risk to the fetus.

Bumetanide may be excreted in breast milk.

Pediatric Use: Safety and effectiveness below age 18 not established.

ADVERSE REACTIONS: Muscle cramps, dizziness, hypotension, headache and nausea, and encephalopathy (in patients with preexisting liver disease).

Less frequent clinical adverse reactions are weakness, impaired hearing, rash, pruritus, hives, electrocardiogram changes, abdominal pain, arthritic pain, musculoskeletal pain and vomiting. Other clinical adverse reactions are vertigo, chest pain, ear discomfort, fatigue, dehydration, sweating, hyperventilation, dry mouth, upset stomach, renal failure, asterixis, itching, nipple tenderness, diarrhea, premature ejaculation and difficulty maintaining an erection.

Laboratory abnormalities reported are hyperuricemia, azotemia, hyperglycemia, increased serum creatinine, hypochloremia, hypokalemia, hyponatremia, and variations in CO₂ content, bicarbonate, phosphorus and calcium. Although manifestations of the pharmacologic action of Bumex, these conditions may become more pronounced by intensive therapy.

Diuresis induced by Bumex may also rarely be accompanied by changes in LOH, total serum bilirubin, serum proteins, SGOT, SGPT, alkaline phosphatase, cholesterol, creatinine clearance, deviations in hemoglobin, prothrombin time, hematocrit, platelet counts and differential counts. Increases in urinary glucose and urinary protein have also been seen.

DOSAGE AND ADMINISTRATION:

Oral Administration: The usual total daily dosage is 0.5 to 2.0 mg and in most patients is given as a single dose.

Parenteral Administration: Administer to patients (IV or IM) with GI absorption problem or who cannot take oral. The usual initial dose is 0.5 to 1 mg given over 1 to 2 minutes. If insufficient response, a second or third dose may be given at 2 to 3 hour intervals up to a maximum of 10 mg a day.

HOW SUPPLIED: Tablets, 0.5 mg (light green), 1 mg (yellow) and 2 mg (peach), bottles of 100 and 500. Prescription Packs of 30, 60, 90, 120, 150, 180, 210, 240, 270, 300, 330, 360, 390, 420, 450, 480, 510, 540, 570, 600, 630, 660, 690, 720, 750, 780, 810, 840, 870, 900, 930, 960, 990, 1020, 1050, 1080, 1110, 1140, 1170, 1200, 1230, 1260, 1290, 1320, 1350, 1380, 1410, 1440, 1470, 1500, 1530, 1560, 1590, 1620, 1650, 1680, 1710, 1740, 1770, 1800, 1830, 1860, 1890, 1920, 1950, 1980, 2010, 2040, 2070, 2100, 2130, 2160, 2190, 2220, 2250, 2280, 2310, 2340, 2370, 2400, 2430, 2460, 2490, 2520, 2550, 2580, 2610, 2640, 2670, 2700, 2730, 2760, 2790, 2820, 2850, 2880, 2910, 2940, 2970, 3000, 3030, 3060, 3090, 3120, 3150, 3180, 3210, 3240, 3270, 3300, 3330, 3360, 3390, 3420, 3450, 3480, 3510, 3540, 3570, 3600, 3630, 3660, 3690, 3720, 3750, 3780, 3810, 3840, 3870, 3900, 3930, 3960, 3990, 4020, 4050, 4080, 4110, 4140, 4170, 4200, 4230, 4260, 4290, 4320, 4350, 4380, 4410, 4440, 4470, 4500, 4530, 4560, 4590, 4620, 4650, 4680, 4710, 4740, 4770, 4800, 4830, 4860, 4890, 4920, 4950, 4980, 5010, 5040, 5070, 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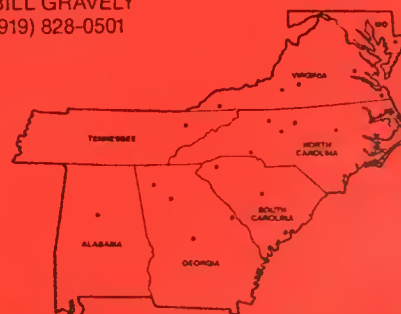
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For Doctors and their Patients

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Kenneth J. Welch

AIDS: Report of the AMA Board of Trustees

Alan R. Nelson

The Open Door Medical Clinic

Don Lucey, M.D.
and Sheila Parker, Ph.D.

The Names and Faces of Medicine

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For Doctors and their Patients

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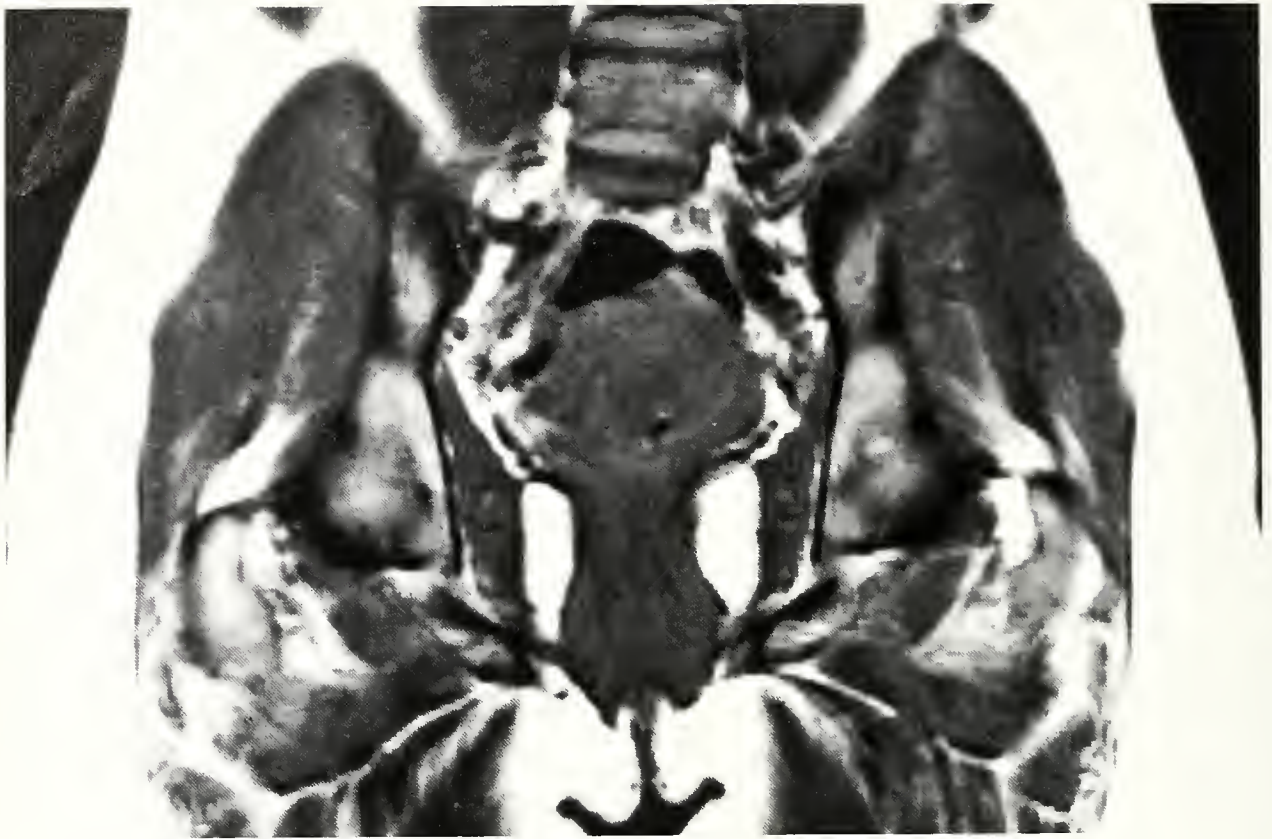
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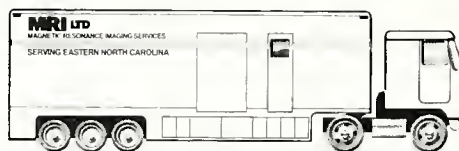
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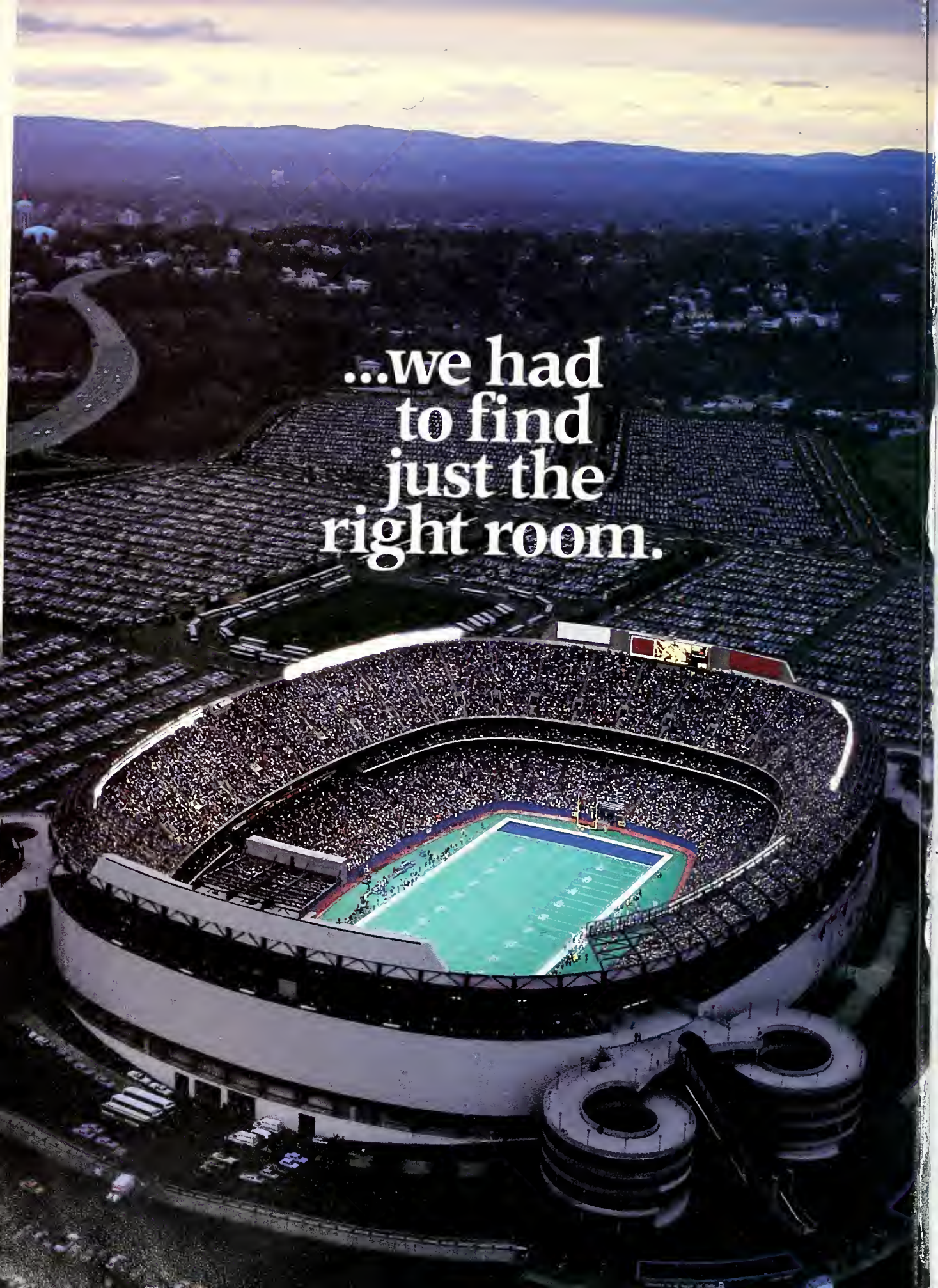
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CLINICAL PHARMACOLOGY. INDERAL is a nonselective β -adrenergic receptor-blocking agent possessing no other autonomic nervous system activity. It specifically competes with β -adrenergic receptor-stimulating agents for available receptor sites. When access to β -receptor sites is blocked by INDERAL, the chronotropic, inotropic, and vasodilator responses to β -adrenergic stimulation are decreased proportionately.

INDERAL LA Capsules (60, 80, 120, and 160 mg) release propranolol HCl at a controlled and predictable rate. Peak blood levels following dosing with INDERAL LA occur at about 6 hours and the apparent plasma half-life is about 10 hours. When measured at steady state over a 24-hour period the areas under the propranolol plasma concentration-time curve (AUCs) for the capsules are approximately 60% to 65% of the AUCs for a comparable divided daily dose of INDERAL Tablets. The lower AUCs for the capsules are due to greater hepatic metabolism of propranolol resulting from the slower rate of absorption of propranolol. Over a twenty-four (24) hour period, blood levels are fairly constant for about twelve (12) hours then decline exponentially.

INDERAL LA should not be considered a simple mg-for-mg substitute for conventional propranolol and the blood levels achieved do not match (are lower than) those of two to four times daily dosing with the same dose. When changing to INDERAL LA from conventional propranolol, a possible need for retitration upwards should be considered especially to maintain effectiveness at the end of the dosing interval. In most clinical settings, however, such as hypertension or angina where there is little correlation between plasma levels and clinical effect, INDERAL LA has been therapeutically equivalent to the same mg dose of conventional INDERAL as assessed by 24-hour effects on blood pressure and on 24-hour exercise responses of heart rate, systolic pressure and rate pressure product. INDERAL LA can provide effective β -blockade for a 24-hour period.

INDICATIONS AND USAGE. Hypertension: INDERAL LA is indicated in the management of hypertension. It may be used alone or used in combination with other antihypertensive agents, particularly a thiazide diuretic. INDERAL LA is not indicated in the management of hypertensive emergencies.

Angina Pectoris Due to Coronary Atherosclerosis: INDERAL LA is indicated for the long-term management of patients with angina pectoris.

Migraine: INDERAL LA is indicated for the prophylaxis of common migraine headache. The efficacy of propranolol in the treatment of a migraine attack that has started has not been established and propranolol is not indicated for such use.

Hypertrophic Subaortic Stenosis: INDERAL LA is useful in the management of hypertrophic subaortic stenosis, especially for treatment of exertional or other stress-induced angina, palpitations and syncope. INDERAL LA also improves exercise performance. The effectiveness of propranolol hydrochloride in this disease appears to be due to a reduction of the elevated outflow pressure gradient which is exacerbated by β -receptor stimulation. Clinical improvement may be temporary.

CONTRAINDICATIONS. INDERAL is contraindicated in 1) cardiogenic shock, 2) sinus bradycardia and greater than first-degree block, 3) bronchial asthma, 4) congestive heart failure (see WARNINGS) unless the failure is secondary to a tachyarrhythmia treatable with INDERAL.

WARNINGS. CARDIAC FAILURE. Sympathetic stimulation may be a vital component supporting circulatory function in patients with congestive heart failure, and its inhibition by β -blockade may precipitate more severe failure. Although β -blockers should be avoided in overt congestive heart failure, if necessary, they can be used with close follow-up in patients with a history of failure who are well compensated and are receiving digitalis and diuretics. β -Adrenergic blocking agents do not abolish the inotropic action of digitalis on heart muscle.

IN PATIENTS WITHOUT A HISTORY OF HEART FAILURE, continued use of β -blockers can, in some cases, lead to cardiac failure. Therefore, at the first sign or symptom of heart failure, the patient should be digitalized and/or treated with diuretics, and the response observed closely or INDERAL should be discontinued (gradually if possible).

IN PATIENTS WITH ANGINA PECTORIS, there have been reports of exacerbation of angina and, in some cases, myocardial infarction, following abrupt discontinuance of INDERAL therapy. Therefore, when discontinuance of INDERAL is planned, the dosage should be gradually reduced over at least a few weeks, and the patient should be cautioned against interruption or cessation of therapy without the physician's advice. If INDERAL therapy is interrupted and exacerbation of angina occurs, it usually is advisable to reinstitute INDERAL therapy and take other measures appropriate for the management of unstable angina pectoris. Since coronary artery disease may be unrecognized, it may be prudent to follow the above advice in patients considered at risk of having occult atherosclerotic heart disease who are given propranolol for other indications.

Nonallergic Bronchospasm (eg, chronic bronchitis, emphysema) — PATIENTS WITH BRONCHOSPASTIC DISEASES SHOULD IN GENERAL NOT RECEIVE β -BLOCKERS. INDERAL should be administered with caution since it may block bronchodilation produced by endogenous and exogenous catecholamine stimulation of β receptors.

MAJOR SURGERY. The necessity or desirability of withdrawal of β -blocking therapy prior to major surgery is controversial. It should be noted, however, that the impaired ability of the heart to respond to reflex adrenergic stimuli may augment the risks of general anesthesia and surgical procedures.

INDERAL (propranolol HCl), like other β -blockers, is a competitive inhibitor of β -receptor agonists and its effects can be reversed by administration of such agents, eg, dobutamine or isoproterenol. However, such patients may be subject to protracted severe hypotension. Difficulty in starting and maintaining the heartbeat has also been reported with β -blockers.

DIABETES AND HYPOLYCEMIA. β -Blockers should be used with caution in diabetic patients if a β -blockade agent is required. β -Blockers may mask tachycardia occurring with hypoglycemia, but other manifestations such as dizziness and sweating may not be significantly affected. Following insulin-induced hypoglycemia, propranolol may cause a delay in the recovery of blood glucose to normal levels.

THYROTOXICOSIS. β -Blockade may mask certain clinical signs of hyperthyroidism. Therefore, abrupt withdrawal of propranolol may be followed by an exacerbation of symptoms of hyperthyroidism including thyroid storm. Propranolol may change thyroid function tests, increasing T_4 and reverse T_3 , and decreasing T_3 .

IN PATIENTS WITH WOLFF-PARKINSON-WHITE SYNDROME, several cases have been reported in which, after propranolol, the tachycardia was replaced by a severe bradycardia requiring a demand pacemaker. In one case this resulted after an initial dose of 5 mg propranolol.

PRECAUTIONS. GENERAL. Propranolol should be used with caution in patients with impaired hepatic or renal function. INDERAL (propranolol HCl) is not indicated for the treatment of hypertensive emergencies.

β -Adrenoreceptor blockade can cause reduction of intraocular pressure. Patients should

be told that INDERAL may interfere with the glaucoma screening test. Withdrawal may lead to a return of increased intraocular pressure.

CLINICAL LABORATORY TESTS. Elevated blood urea levels in patients with severe heart disease, elevated serum transaminase, alkaline phosphatase, lactate dehydrogenase.

DRUG INTERACTIONS. Patients receiving catecholamine-depleting drugs such as reserpine should be closely observed if INDERAL is administered. The added catecholamine blocking action may produce an excessive reduction of resting sympathetic nervous activity which may result in hypotension, marked bradycardia, vertigo, syncope, attacks, or orthostatic hypotension.

Caution should be exercised when patients receiving a β -blocker are administered a calcium-channel-blocking drug, especially intravenous verapamil, for both agents may depress myocardial contractility or atrioventricular conduction. On rare occasions, the concomitant intravenous use of a β -blocker and verapamil has resulted in serious adverse reactions, especially in patients with severe cardiomyopathy, congestive heart failure or recent myocardial infarction.

Aluminum hydroxide gel greatly reduces intestinal absorption of propranolol.

Ethanol slows the rate of absorption of propranolol.

Phenyltin, phenobarbital, and rifampin accelerate propranolol clearance.

Chlorpromazine, when used concomitantly with propranolol, results in increased plasma levels of both drugs.

Antipyrene and lidocaine have reduced clearance when used concomitantly with propranolol.

Thyroxine may result in a lower than expected T_3 concentration when used concomitantly with propranolol.

Cimetidine decreases the hepatic metabolism of propranolol, delaying elimination and increasing blood levels.

Theophylline clearance is reduced when used concomitantly with propranolol.

CARCINOGENESIS, MUTAGENESIS, IMPAIRMENT OF FERTILITY. Long-term studies in animals have been conducted to evaluate toxic effects and carcinogenic potential. In 18-month studies in both rats and mice, employing doses up to 150 mg/kg/day, there was no evidence of significant drug-induced toxicity. There were no drug-related tumorigenic effects at any of the dosage levels. Reproductive studies in animals did not show any impairment of fertility that was attributable to the drug.

PREGNANCY. Pregnancy Category C. INDERAL has been shown to be embryotoxic in animal studies at doses about 10 times greater than the maximum recommended human dose.

There are no adequate and well-controlled studies in pregnant women. INDERAL should be used during pregnancy only if the potential benefit justifies the potential risk to the fetus.

NURSING MOTHERS. INDERAL is excreted in human milk. Caution should be exercised when INDERAL (propranolol HCl) is administered to a nursing woman.

PEDIATRIC USE. Safety and effectiveness in children have not been established.

ADVERSE REACTIONS. Most adverse effects have been mild and transient and have rarely required the withdrawal of therapy.

Cardiovascular. Bradycardia, congestive heart failure, intensification of AV block, hypotension, paresthesia of hands, thrombocytopenic purpura, arterial insufficiency, usually of the Raynaud type.

Central Nervous System. Light-headedness, mental depression manifested by insomnia, lassitude, weakness, fatigue; reversible mental depression progressing to cataplexy; visual disturbances; hallucinations; vivid dreams, an acute reversible syndrome characterized by disorientation for time and place, short-term memory loss, emotional lability, slightly clouded sensorium, and decreased performance on neuropsychometrics. For immediate formulations, fatigue, lethargy and vivid dreams appear dose related.

Gastrointestinal. Nausea, vomiting, epigastric distress, abdominal cramping, diarrhea, constipation, mesenteric arterial thrombosis, ischemic colitis.

Allergic. Pharyngitis and agranulocytosis, erythematous rash, fever combined with aching and sore throat, laryngospasm and respiratory distress.

Respiratory. Bronchospasm.

Hematologic. Agranulocytosis, nonthrombocytopenic purpura, thrombocytopenic purpura.

Auto-Immune. In extremely rare instances, systemic lupus erythematosus has been reported.

Miscellaneous. Alopecia, LE-like reactions, psoriasisiform rashes, dry eyes, male impotence, and Peyronie's disease have been reported rarely. Oculomucocutaneous reactions involving the skin, serous membranes and conjunctivae reported for a β -blocker (propranolol) have not been associated with propranolol.

DOSAGE AND ADMINISTRATION. INDERAL LA provides propranolol hydrochloride in a sustained-release capsule for administration once daily. If patients are switched from INDERAL Tablets to INDERAL LA Capsules, care should be taken to assure that the desired therapeutic effect is maintained. INDERAL LA should not be considered a simple mg-for-mg substitute for INDERAL. INDERAL LA has different kinetics and produces lower blood levels. Retitration may be necessary, especially to maintain effectiveness at the end of the 24-hour dosing interval.

HYPERTENSION — Dosage must be individualized. The usual initial dosage is 80 mg INDERAL LA once daily, whether used alone or added to a diuretic. The dosage may be increased to 120 mg once daily or higher until adequate blood-pressure control is achieved. The usual maintenance dosage is 120 to 160 mg once daily. In some instances a dosage of 640 mg may be required. The time needed for full hypertensive response to a given dosage is variable and may range from a few days to several weeks.

ANGINA PECTORIS — Dosage must be individualized. Starting with 80 mg INDERAL LA once daily, dosage should be gradually increased at three- to seven-day intervals until optimal response is obtained. Although individual patients may respond at any dosage level, the average optimal dosage appears to be 160 mg once daily. In angina pectoris, the value and safety of dosage exceeding 320 mg per day have not been established.

If treatment is to be discontinued, reduce dosage gradually over a period of a few weeks (see WARNINGS).

MIGRAINE — Dosage must be individualized. The initial oral dose is 80 mg INDERAL LA once daily. The usual effective dose range is 160-240 mg once daily. The dosage may be increased gradually to achieve optimal migraine prophylaxis. If a satisfactory response is not obtained within four to six weeks after reaching the maximal dose, INDERAL LA therapy should be discontinued. It may be advisable to withdraw the drug gradually over a period of several weeks.

HYPERTROPHIC SUBAORTIC STENOSIS — 80-160 mg INDERAL LA once daily.

PEDIATRIC DOSAGE — At this time the data on the use of the drug in this age group are too limited to permit adequate directions for use.

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Cutaneous Infections of the Coast

William A. Burke, M.D., and Billy E. Jones, M.D.

An infection that develops from a wound obtained in an aquatic environment should alert the physician to a variety of possible etiologic organisms not typically seen in everyday practice. Although most infections resulting from aquatic injuries are due to commonly seen organisms (such as *Staphylococcus*),¹ it is important to be aware of less common infectious agents, since some of them may have a rapidly progressive course leading to death.

The coast of North Carolina provides limitless possibilities for both recreational and commercial activities, and many diseases which are quite rare in many parts of the country actually occur quite frequently here.

Erysipelothrix rhusiopathiae

Erysipeloid is, as the name implies, an erysipelas-like infection caused by *Erysipelothrix rhusiopathiae*. This bacterium is a gram-positive pleomorphic rod which may be confused with diptheroids or *Listeria* in the laboratory. *Erysipelothrix* is widely distributed throughout the environment including fresh and salt water. In some animals, it is found as part of their normal flora; in others (e.g., swine) it may be pathogenic. Occupational groups at risk include fishermen, fish handlers, seafood processors, veterinarians, poultry workers, butchers and farmers. On our coast, erysipeloid is colloquially known as "fish poisoning," "crab poisoning," or "shrimp-pickers' disease."

Erysipelothrix can cause localized or, rarely, disseminated disease.² In localized disease, the cutaneous eruption begins several days after inoculation, most commonly on the hands. The skin lesions are usually bright red, well-demarcated plaques (figure 1, p. 423) which may burn or itch. The localized disease is unlike erysipelas in that constitutional signs and symptoms (such as fever, chills, and malaise) are usually not present.

Disseminated erysipeloid, unlike the localized form, is usually associated with fever, and blood cultures are often positive. Because endocarditis can be a serious complication,³ a careful cardiac examination is imperative. In this

form of the disease, skin lesions are not always seen, and a careful occupational/recreational history may provide an important clue to the etiology. Disseminated *Erysipelothrix* may also lead to other problems such as septic arthritis, intracranial abscess and pulmonary involvement.²

Although the organism can usually be cultured from the blood of bacteremic patients, it often loses its cell wall in tissue (to form L-forms), perhaps explaining difficulties in culturing it from skin lesions.² Diagnosis of localized infection is usually made on the basis of an appropriate clinical picture in a person at risk.

Erysipeloid, like erysipelas, is treated with penicillin, or in the penicillin-allergic patient, erythromycin. Intravenous therapy with penicillin is recommended for disseminated disease.² Although the localized form of the disease may be self-limited, antibiotic therapy is generally recommended to prevent progression of the disease into bacteremia with possible endocarditis or other sequelae.

Mycobacterium marinum

Mycobacterium marinum is one of the atypical mycobacteria, and because of its ability to produce a yellowish pigment when exposed to light, it is grouped with the photochromogens (Runyon Group 1). The bacterium is acid-fast and grows optimally at 32°C in about 7 to 14 days. Because it does not grow well at 37°C, a false-negative culture may occur if the laboratory routinely incubates cultures only at this temperature. This psychrophilia probably explains the rarity of internal dissemination seen with this organism.

Mycobacterium marinum is found in both fresh and salt water, and the cutaneous lesion is commonly called a "swimming pool granuloma" or "fish tank granuloma." The initial lesion typically begins as an erythematous papule occurring in a traumatized area (e.g., abrasion, crab bite, fish spine injury). This enlarges over three to eight weeks to a nodule which often has a verrucous appearance (figure 2, p. 423). At times, additional lesions appear along lymphatics in a sporotrichoid pattern,⁴ and, rarely, bone and joint involvement may occur.^{5,6}

A biopsy of the lesion is usually required to accurately diagnose *Mycobacterium marinum*. The tissue specimen should be submitted for both routine histology and culture.

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Again, it is important to alert the laboratory that this organism is suspected in order to ensure that incubation is done at both 32°C and 37°C. Histopathology most commonly reveals tuberculoid granulomas with minimal caseation and sparse organisms.

Therapy of this infection may be difficult. The drug of choice in adults is minocycline (100 mg BID),⁷ although some prefer tetracycline (500 mg QID)^{8,9} or doxycycline (100 mg BID). Alternative therapies include rifampin (often combined with ethambutol) or trimethoprim-sulfamethoxazole. Because the organism prefers cooler temperatures, heat therapy (e.g., hot water soaks) may be an important adjunct to antibiotic therapy.

Therapy should be continued for several weeks after clinical improvement, since early withdrawal of antibiotics may lead to relapse. For a single localized lesion, excision, electrosurgery, or cryosurgery may be curative.

Aeromonas hydrophila

Aeromonas hydrophila is a gram-negative rod which is ubiquitous in nature and is found in both fresh and salt water. The organism was initially thought to be pathogenic only in fish, and on our coast it was thought to be the cause of "red sore" disease in striped bass. *Aeromonas* is now known to be an uncommon but sometimes serious pathogen, not only in immunocompromised patients, but also in healthy subjects. Although a self-limited cholera-like diarrhea is the most common presentation of *Aeromonas* infection, the bacterium can also cause a necrotizing cellulitis (figure 3).

As with gastrointestinal infections, most primary inoculation skin and soft tissue infections remain localized in the healthy subject. However, in immunosuppressed and agranulocytic patients, there may be rapid progression to myonecrosis, gas gangrene, and septicemia.¹⁰ Patients with leukemia and liver disease are especially at risk.¹¹ Ecthyma gangrenosum-like lesions can occur in disseminated *Aeromonas* infections.^{12,13}

Laboratory cultures of cutaneous and soft tissue infections due to this organism are often mixed (commonly with *Staphylococcus*). Although *Aeromonas hydrophila* can be grown in 12 to 24 hours on conventional media, proper laboratory identification may be missed because of biochemical similarities to the Enterobacteriaceae. Again, it becomes important to consider this unusual infection in the appropriate clinical setting and to alert the laboratory to your suspicions so that proper identification can be made. Unlike the Enterobacteriaceae, *Aeromonas hydrophila* is oxidase positive.

Initial therapy of cutaneous wound infection due to *Aeromonas* involves incision, drainage, exploration, and cleansing of affected tissue. Because many *Aeromonas* infections are mixed, trimethoprim-sulfamethoxazole is an appropriate therapy in a healthy patient, as most *Aeromonas* strains are sensitive to this drug. In an immunocompromised or bacteremic patient, imipenem-cilastatin or a third-generation

cephalosporin with an aminoglycoside are administered parenterally. The organism is also usually sensitive to the tetracyclines and chloramphenicol.^{11,14,15}

Vibrio vulnificus

Although several of the halophilic *Vibrios* (e.g., *Vibrio parahaemolyticus*, *Vibrio cholerae* non 0-1, *Vibrio alginolyticus*) have been isolated from wound infections, *Vibrio vulnificus* is the most common cause of serious illness associated with *Vibrio* species in this country.^{16,17} In 1979, the bacterium received its present name,¹⁸ and since then, infections due to this organism have been recognized from a wide variety of coastal and brackish water environments including the North Carolina coast.

There are two forms of the disease: (1) primary septicemia and (2) wound infections. In patients with primary septicemia, there is often a history of eating raw seafood (usually oysters)¹⁹⁻²¹ and the infection is presumed to be acquired through the gastrointestinal tract. Hypotension with shock is a common presentation. Septicemia due to *Vibrio vulnificus* is more common in persons with underlying liver disease, blood disorders, chronic renal disease, or hemochromatosis, in patients on immunosuppressive agents, and in heavy consumers of alcohol.^{20,21} Patients with septicemia from this bacterium can display a wide variety of dermatologic manifestations including petechiae, purpura, necrotic pustules and bullous lesions (figure 4). As with *Aeromonas*, the cutaneous lesions may mimic ecthyma gangrenosum.

Mortality from septicemia with this organism is about 50%. Once again, it is imperative to consider the diagnosis in the appropriate clinical setting. Furthermore, it is important to educate patients with risk factors about the potential risks of eating raw or undercooked seafood.¹⁹⁻²¹

Penetrating injuries associated with exposure to sea water may also lead to a wound infection due to *Vibrio vulnificus*. Many patients have developed infection following lacerations that occurred while they were cleaning fish, crabs or shrimp, or shucking oysters or other shellfish. A cellulitis usually develops within one to two days following inoculation, and because of the tremendous virulence of the organism, may quickly progress to a necrotizing fasciitis, myositis or gangrene. Risk factors for internal dissemination and septicemia are similar to those for primary septicemia.

Treatment of wound infections due to *Vibrio vulnificus* includes incision, drainage and aggressive local débridement. Tetracycline is the drug of choice in the healthy patient with a mild, uncomplicated wound infection. In patients who have significant risk factors or who present with disseminated disease, parenteral tetracycline and an aminoglycoside are recommended.¹⁶ The organism is also usually responsive to chloramphenicol, the penicillins and the cephalosporins.^{16,17,22}



Figure 1. Erysipeloid in a common location.



Figure 2. Verrucous lesion due to *Mycobacterium marinum* which developed after a crab bite injury.



Figure 3. Necrotizing cellulitis and myonecrosis of the thigh due to *Aeromonas hydrophila*. The patient, a coastal logger, had acute myelogenous leukemia and died from overwhelming sepsis.



Figure 4. Bullous lesion on the ankle due to *Vibrio vulnificus* septicemia in a patient with primary red cell aplasia. The patient had been "spined" on her hand by a salt water catfish two days previously.

Conclusions

It is important to re-emphasize that the majority of cutaneous infections from coastal aquatic environs are due to organisms commonly seen in everyday practice. However, the coastal environment contains its own peculiar mix of uncommon flora, some of which can produce serious disease with potentially fatal consequences if unrecognized. It is likely that with improved microbial techniques of identification and isolation of microorganisms, many "new" aquatic infections will be described in future years. ■

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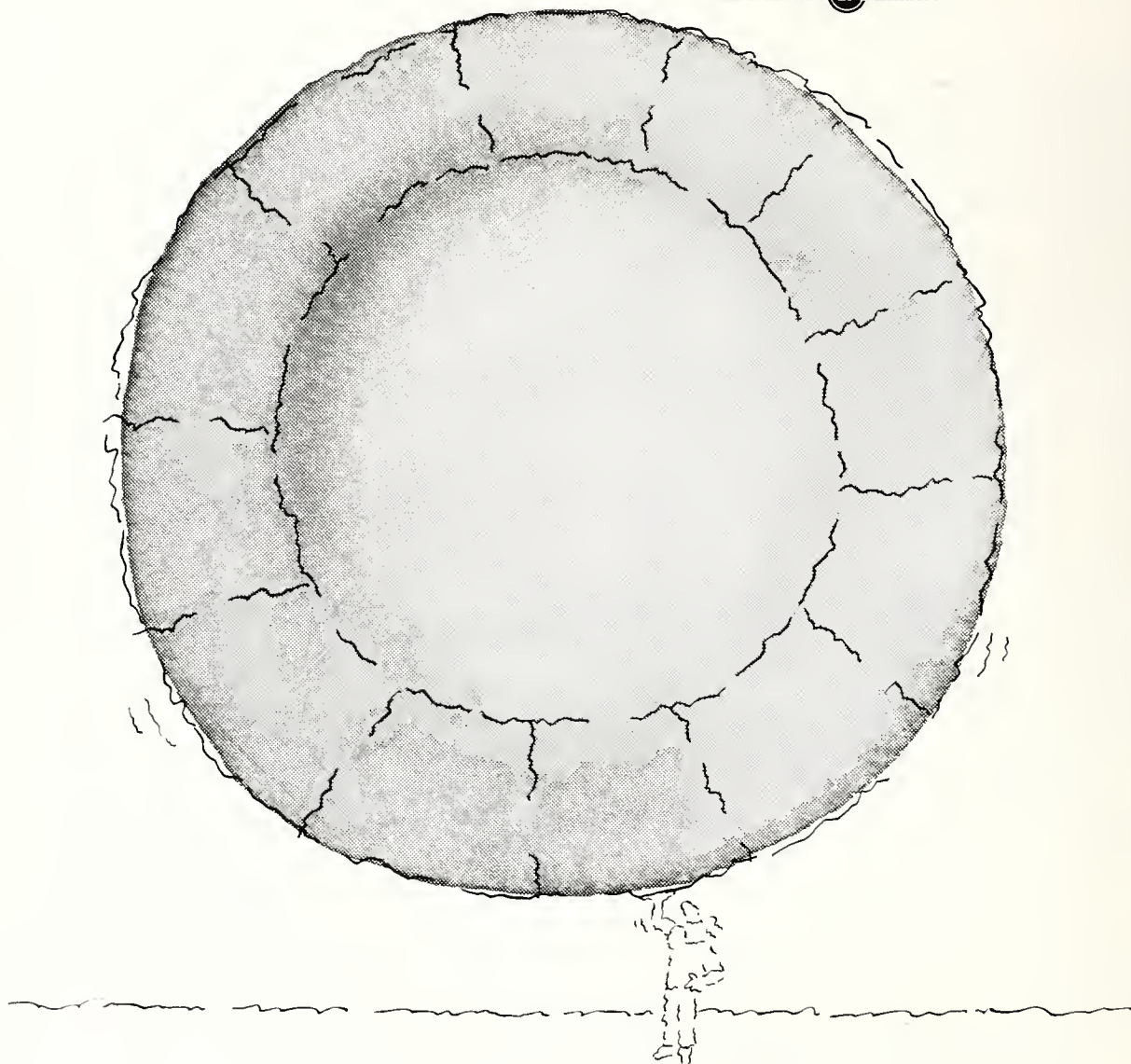
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INDICATIONS AND USAGE: Nix is indicated for the single-application treatment of infestation with *Pediculus humanus* var. *capitis* (the head louse) and its nits (eggs). Retreatment for recurrences is required in less than 1% of patients since the ovicidal activity may be supplemented by residual persistence in the hair. If live lice are observed after at least seven days following the initial application, a second application can be given.

CONTRAINDICATIONS: Nix is contraindicated in patients with known hypersensitivity to any of its components, to any synthetic pyrethroid or pyrethrin, or to chrysanthemums.

WARNING: If hypersensitivity to Nix occurs, discontinue use.

PRECAUTIONS:

General: Head lice infestation is often accompanied by pruritus, erythema, and edema. Treatment with Nix may temporarily exacerbate these conditions.

Information for Patients: Patients with head lice should be advised that itching, redness, or swelling of the scalp may occur after application of Nix. If irritation persists, they should consult their physician. Nix is not irritating to the eyes; however, patients should be advised to avoid contact with eyes during application and to flush with water immediately if Nix gets in the eyes. In order to prevent accidental ingestion by children, the remaining contents of Nix should be discarded after use.

Combing of nits following treatment with Nix is not necessary for effective treatment. However, patients may do so for cosmetic or other reasons. The nits are easily combed from the hair treated with Nix after drying.

Carcinogenesis, Mutagenesis, Impairment of Fertility: Six carcinogenicity bioassays were evaluated with permethrin, three each in rats and mice. No tumorigenicity was seen in the rat studies. However, species-specific increases in pulmonary adenomas, a common benign tumor of mice of high spontaneous background incidence, were seen in the three mouse studies. In one of these studies there was an increased incidence of pulmonary alveolar-cell carcinomas and benign liver adenomas only in female mice when permethrin was given in their food at a concentration of 5000 ppm. Mutagenicity assays, which give useful correlative data for interpreting results from carcinogenicity bioassays in rodents, were negative. Permethrin showed no evidence of mutagenic potential in a battery of *in vitro* and *in vivo* genetic toxicity studies.

Permethrin did not have any adverse effect on reproductive function at a dose of 180 mg/kg/day orally in a three-generation rat study.

Pregnancy: Teratogenic Effects: Pregnancy Category B. Reproduction studies have been performed in mice, rats, and rabbits (200-400 mg/kg/day orally) and have revealed no evidence of impaired fertility or harm to the fetus due to permethrin. There are, however, no adequate and well-controlled studies in pregnant women. Because animal reproduction studies are not always predictive of human response, this drug should be used during pregnancy only if clearly needed.

Nursing Mothers: It is not known whether this drug is excreted in human milk. Because many drugs are excreted in human milk and because of the evidence for tumorigenic potential of permethrin in animal studies, consideration should be given to discontinuing nursing temporarily or withholding the drug while the mother is nursing.

Pediatric Use: Nix is safe and effective in children less than two years of age. Safety and effectiveness in children less than two years of age have not been established.

ADVERSE REACTIONS: The most frequent adverse reaction to Nix is pruritus. This is usually a consequence of head lice infestation itself, but may be temporarily aggravated following treatment with Nix. 5.9% of patients in clinical studies experienced mild temporary itching; 3.4% experienced mild transient burning/stinging, tingling, numbness, or scalp discomfort, and 2.1% experienced mild transient erythema, edema, or rash of the scalp.

DOSAGE AND ADMINISTRATION:

Adults and Children: Nix is intended for use after the hair has been washed with shampoo, rinsed with water and towel dried. Apply a sufficient volume of Nix to saturate the hair and scalp. Nix should remain on the hair for 10 minutes before being rinsed off with water. A single treatment is sufficient to eliminate head lice infestation. Combing of nits is not required for therapeutic efficacy, but may be done for cosmetic or other reasons.

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HOW SUPPLIED: Nix (Permethrin) 1% (wt./wt.) Creme Rinse is supplied in plastic squeeze bottles that contain 2 fl. oz. weighing 56 g. (NDC-0081-D780-81)

Store at 15°-25°C (59°-77°F).

1 DiNapoli J, Austin R, Englander S, et al. Eradication of lice with a single treatment (unpublished data, 1987). 2 Taplin D, Meinling T, Casullero P, et al. Permethrin 1% creme rinse for the treatment of pediculus humanus var capitis infestation. *Pediatr Dermatol* 1986; 3,4:344-348. 3 Davies J, Dedhia H, Morgade C, et al. Lindane poisonings. *Arch Dermatol* 1983, 119:142-144.

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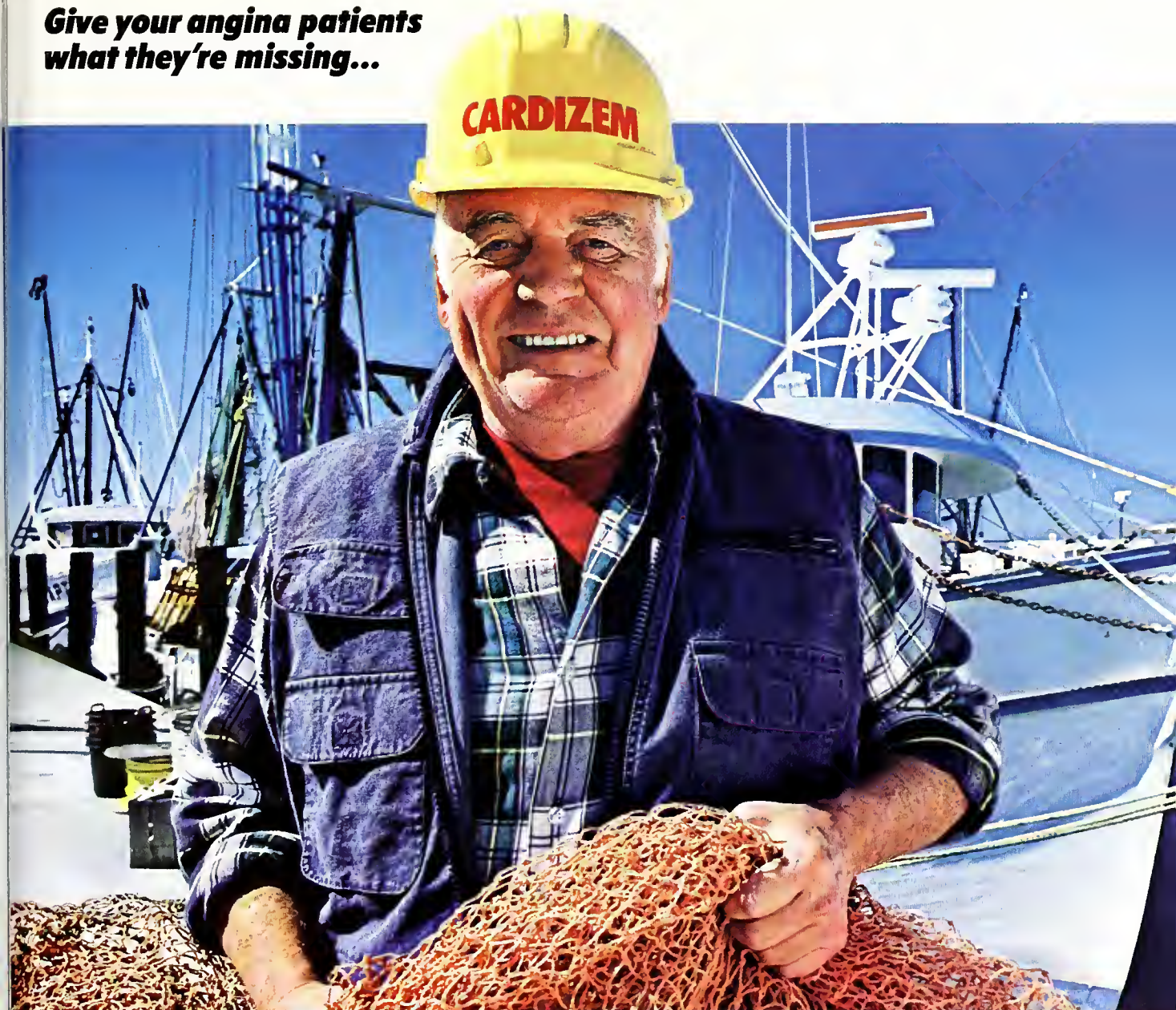
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CARDIZEM is contraindicated in (1) patients with sick sinus syndrome except in the presence of a functioning ventricular pacemaker, (2) patients with second- or third-degree AV block except in the presence of a functioning ventricular pacemaker, and (3) patients with hypotension (less than 90 mm Hg systolic).

WARNINGS

- Cardiac Conduction.** CARDIZEM prolongs AV node refractory periods without significantly prolonging sinus node recovery time, except in patients with sick sinus syndrome. This effect may rarely result in abnormally slow heart rates (particularly in patients with sick sinus syndrome) or second- or third-degree AV block (six of 1,243 patients for 0.48%). Concomitant use of diltiazem with beta-blockers or digitalis may result in additive effects on cardiac conduction. A patient with Prinzmetal's angina developed periods of asystole (2 to 5 seconds) after a single dose of 60 mg of diltiazem.
- Congestive Heart Failure.** Although diltiazem has a negative inotropic effect in isolated animal tissue preparations, hemodynamic studies in humans with normal ventricular function have not shown a reduction in cardiac index nor consistent negative effects on contractility (dp/dt). Experience with the use of CARDIZEM alone or in combination with beta-blockers in patients with impaired ventricular function is very limited. Caution should be exercised when using the drug in such patients.
- Hypotension.** Decreases in blood pressure associated with CARDIZEM therapy may occasionally result in symptomatic hypotension.
- Acute Hepatic Injury.** In rare instances, significant elevations in enzymes such as alkaline phosphatase, CPK, LDH, SGOT, SGPT, and other symptoms consistent with acute hepatic injury have been noted. These reactions have been reversible upon discontinuation of drug therapy. The relationship to CARDIZEM is uncertain in most cases, but probable in some. (See PRECAUTIONS.)

PRECAUTIONS

General. CARDIZEM (diltiazem hydrochloride) is extensively metabolized by the liver and excreted by the kidneys and in bile. As with any new drug given over prolonged periods, laboratory parameters should be monitored at regular intervals. The drug should be used with caution in patients with impaired renal or hepatic

function. In subacute and chronic dog and rat studies designed to produce toxicity, high doses of diltiazem were associated with hepatic damage. In special subacute hepatic studies, oral doses of 125 mg/kg and higher in rats were associated with histological changes in the liver which were reversible when the drug was discontinued. In dogs, doses of 20 mg/kg were also associated with hepatic changes; however, these changes were reversible with continued dosing.

Drug Interaction. Pharmacologic studies indicate that there may be additive effects in prolonging AV conduction when using beta-blockers or digitalis concomitantly with CARDIZEM. (See WARNINGS.)

Controlled and uncontrolled domestic studies suggest that concomitant use of CARDIZEM and beta-blockers or digitalis is usually well tolerated. Available data are not sufficient, however, to predict the effects of concomitant treatment, particularly in patients with left ventricular dysfunction or cardiac conduction abnormalities. In healthy volunteers, diltiazem has been shown to increase serum digoxin levels up to 20%.

Carcinogenesis, Mutagenesis, Impairment of Fertility. A 24-month study in rats and a 21-month study in mice showed no evidence of carcinogenicity. There was also no mutagenic response in *in vitro* bacterial tests. No intrinsic effect on fertility was observed in rats.

Pregnancy. Category C. Reproduction studies have been conducted in mice, rats, and rabbits. Administration of doses ranging from five to ten times greater (on a mg/kg basis) than the daily recommended therapeutic dose has resulted in embryo and fetal lethality. These doses, in some studies, have been reported to cause skeletal abnormalities. In the perinatal/postnatal studies, there was some reduction in early individual pup weights and survival rates. There was an increased incidence of stillbirths at doses of 20 times the human dose or greater.

There are no well-controlled studies in pregnant women, therefore, use CARDIZEM in pregnant women only if the potential benefit justifies the potential risk to the fetus.

Nursing Mothers. Diltiazem is excreted in human milk. One report suggests that concentrations in breast milk may approximate serum levels. If use of CARDIZEM is deemed essential, an alternative method of infant feeding should be instituted.

Pediatric Use. Safety and effectiveness in children have not been established.

ADVERSE REACTIONS

Serious adverse reactions have been rare in studies carried out to date, but it should be recognized that patients with impaired ventricular function and cardiac conduction abnormalities have usually been excluded. In domestic placebo-controlled trials, the incidence of adverse reactions reported during CARDIZEM therapy was not greater than that reported during placebo therapy.

The following represent occurrences observed in clinical studies which can be at least reasonably asso-

ciated with the pharmacology of calcium influx inhibition. In many cases, the relationship to CARDIZEM has not been established. The most common occurrences as well as their frequency of presentation are: edema (2.4%), headache (2.1%), nausea (1.9%), dizziness (1.5%), rash (1.3%), asthenia (1.2%). In addition, the following events were reported infrequently (less than 1%):

Cardiovascular:	Angina, arrhythmia, AV block (first degree), AV block (second or third degree — see conduction warning), bradycardia, congestive heart failure, flushing, hypotension, palpitations, syncope
Nervous System:	Amnesia, gait abnormality, hallucinations, insomnia, nervousness, paresthesia, personality change, somnolence, tinnitus, tremor
Gastrointestinal:	Anorexia, constipation, diarrhea, dysgeusia, dyspepsia, mild elevations of alkaline phosphatase, SGOT, SGPT, and LDH (see hepatic warnings), vomiting, weight increase
Dermatologic:	Petechiae, pruritus, photosensitivity, urticaria
Other:	Amblyopia, dyspnea, epistaxis, eye irritation, hyperglycemia, nasal congestion, nocturia, osteoarthralgia, pain, polyuria, sexual difficulties

The following postmarketing events have been reported infrequently in patients receiving CARDIZEM: alopecia, gingival hyperplasia, erythema multiforme, and leukopenia. However, a definitive cause and effect between these events and CARDIZEM therapy is yet to be established.

See complete Professional Use Information before prescribing

References: 1. Pepine CJ, Feldman RL, Hill JA, et al: Clinical outcome after treatment of rest angina with calcium blockers: Comparative experience during the initial year of therapy with diltiazem, nifedipine, and verapamil. *Am Heart J* 1983; 106(6): 1341-1347. 2. Shapiro W: Calcium channel blockers: Actions on the heart and uses in ischemic heart disease. *Consultant* 1984; 24(Dec): 150-159. 3. Johnson DL, Lesoway R, Humen DP, et al: Clinical and hemodynamic evaluation of propranolol in combination with verapamil, nifedipine and diltiazem in exertional angina pectoris: A placebo-controlled, double-blind, randomized, crossover study. *Am J Cardiol* 1985; 55: 680-687. 4. Cohn PF, Braunwald E: Chronic ischemic heart disease, in Braunwald E (ed): *Heart Disease: A Textbook of Cardiovascular Medicine*, ed 2. Philadelphia, WB Saunders Co, 1984, chap 39. 5. Schroeder JS: Calcium and beta blockers in ischemic heart disease: When to use which. *Mod Med* 1982; 50(Sept): 94-116.

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Conjoint Report To the North Carolina Medical Society and the North Carolina Commission for Health Services

Ronald H. Levine, M.D., M.P.H., State Health Director

I am providing a brief review of selected accomplishments and concerns of your state's public health system, and I will then dwell at some length on a topic very near to our hearts, i.e., cholesterol (sorry for the pun).

AIDS

During the past year, a comprehensive AIDS control program has been established in North Carolina focusing, in the absence of a vaccine or effective mode of treatment, on passive and active surveillance, education, counseling in risk reduction, and antibody testing where appropriate.

Approximately 200 cases of AIDS have been diagnosed in North Carolina, and 70% of those patients have already died. A more extensive report on AIDS is part of the scientific program of this meeting.

Immunization

Also during 1986, the landmark Childhood Vaccine-Related Injury Compensation Law was enacted by the General Assembly, the only statute of its kind in the U.S., and the new college immunization law was implemented. Yet, new problems have surfaced as regards universal immunization among our children.

During 1986, eighty-eight cases of whooping cough were reported; another 49 were reported in just the first quarter of 1987, suggesting that pertussis vaccination levels may be slipping. The price of vaccines remains unconscionably high, though we are hopeful that our new no-fault law will result in substantial lowering of DPT prices.

From North Carolina Department of Human Resources, P.O. Box 2091, Raleigh 27602-2091. Dr. Levine presented this report to the North Carolina Medical Society at its 133rd Annual Meeting, and to the North Carolina Commission for Health Services, April 1987.

Cervical Cancer

Initiatives have been undertaken to target cervical cancer among black women, because they suffer significantly greater cervical cancer mortality than do white women.

Phase One involves exploring the problem through working with 23 local health departments. Phase Two, to begin next fiscal year, involves the development and testing of intervention models and programs.

Dental Health

In dental health, we continue to improve our fluoridation coverage throughout the state, with 204 communities now participating. An additional 26 towns have naturally fluoridated water so that, altogether, the total population receiving fluoridated water is now 88% of those served by municipal water systems.

Maternal and Child Health

Maternal and child health concerns remain a major responsibility of North Carolina's public health community. In addition to newborn screening for PKU and hypothyroidism, we are now in the process of adding neonatal sickle cell and galactosemia screening.

Consideration is also being given to neonatal screening for biotinidase deficiency and, with the continued cooperation of the obstetric community, we hope to achieve in the very near future statewide accessibility of maternal serum screening for alpha-fetoprotein, elevation of which might herald a fetus with a significant neural tube defect.

Children's Special Health Services

With the support of your Medical Advisory Committee, we

have changed the name of the 51-year-old Crippled Children's Program to "Children's Special Health Services." The new name reflects the evolution of the program from purely neuromuscular-skeletal concerns to broad coverage of chronic pediatric disease.

Prenatal Care

You may be as shocked as we were to discover that, during 1985, more than 1,000 North Carolina births occurred to women who received no — I repeat, no — prenatal care. Compared to data from the previous year, this figure represents an alarming 21% increase. More regrettable yet, an additional increase is suggested by 1986 provisional data.

In an effort to gain more information about the crisis at hand, we have conducted patient and provider surveys to determine barriers to prenatal care in North Carolina. While data from the patient survey are still being analyzed, data from two provider surveys indicate that at least 49 obstetricians in 23 counties and 31 family physicians in 18 counties withdrew from prenatal care during the 12-month period prior to last March. Between March and November, an additional 36 physicians in 24 counties withdrew. These findings represent a serious threat to the health and well-being of our mothers and newborns, and are related in significant measure to the liability crisis.

Cancer Registry

During its 1986 session, the Legislature heeded Governor Martin's request, strongly supported by this Society, to fund a hospital-based statewide cancer registry. The Registry will be located in the State Center for Health Statistics. Several staff members are already on board, and the search for a registry director is under way.

The goal is for the Registry to become operational in January 1988 with gradual phasing in of North Carolina's hospitals. We will begin as an incidence registry with *passive* follow-up, whereby death certificates will be matched with Registry cases in order to determine survival rates. As the Registry continues to develop, we hope to conduct active follow-up whereby hospitals provide information on subsequent therapies, recurrences, last contact, and cause of death. This will make it possible to determine survival rates by site and stage of disease as well as treatment regimen. Finally, the Registry will ultimately give us invaluable information about possible environmental and occupational influences on cancer incidence.

Birth Defects Registry

A second initiative located in our State Center for Health Statistics is the North Carolina Birth Defects Registry. Initial development of this effort has been funded by the Kate B.

Reynolds Foundation. Data will be derived from birth and death certificates, fetal death reports, hospital discharge abstracts and Medicaid claims, among other sources.

In addition to providing for the analysis of trends and patterns in incidence and survival, data from the Birth Defects Registry may be useful in assessing the impact of prevention programs and environmental exposures, in predicting future costs of treatment and care, and in providing information for more informed genetic counseling and preventive medicine efforts.

We hope, ultimately, to collect hospital discharge information on all infants under one year, not just those with birth defects. This would allow for a clearer understanding of infant mortality in relation to birthweight and neonatal morbidity.

Beginning January 1988, as occurs each decade in the U.S., new birth, death, and fetal death certificates will be in place in North Carolina. Changes to the death certificate are minimal, but changes in the birth and fetal death certificates are extensive, including checklist formats for medical risk factors, behavioral risk factors, obstetric procedures, complications, method of delivery, and abnormal conditions and malformations of the newborn. The quality of this data depends upon the care and good judgment of our physicians and hospital personnel. Over the next few months, our Vital Records Branch will be conducting a series of workshops for hospital personnel involved in the completion of these very vital reports.

Cholesterol

Now on to the special topic. The plethora of food products being advertised as "Low in Cholesterol" or as having "No Cholesterol," and the attention focused by the mass media, demonstrate that the public is taking note of the problem of cholesterol and its impact on health. This attention is indeed warranted.

Elevated blood cholesterol has been established as a key risk factor for stroke and heart disease. Lack of exercise, obesity, hypertension, smoking and diabetes also contribute, of course. The recent Lipid Research Clinics Trial clearly demonstrates that efforts to reduce "definitely elevated blood cholesterol levels will reduce the risk of heart attacks due to coronary heart disease."

As I stated in my Conjoint Report to you last year in discussing hypertension, North Carolina is a "hot spot" for heart disease and cardiovascular disease. Our death rates from heart disease and stroke are well above the national average.

Each day in North Carolina, 45 adults die prematurely. Fifteen of these deaths are attributable to cardiovascular disease. These deaths rob North Carolina of valuable human and financial resources. They occur during the most productive years of life and cause hardship on families, friends, and communities.

In December 1984, the National Institutes of Health convened a Consensus Development Conference on Lowering Blood Cholesterol to Prevent Heart Disease. The Conference examined the relationship between blood cholesterol and heart attacks and the steps that should be taken to diagnose and treat elevated blood cholesterol levels. The Conference concluded that "blood cholesterol levels above 200 mg/dl are associated with an increased risk of developing premature coronary heart disease." They put forth the goal of reducing blood cholesterol levels of the entire adult population of the United States. The Consensus Conference further concluded that each 1% reduction in blood cholesterol level yields approximately a 2% reduction in coronary heart disease rates. A very modest decrease in population blood cholesterol levels of less than 7% should reduce coronary heart disease by 13%. The result would be the prevention of two premature deaths each day in North Carolina.

Before significant progress can be made in saving lives and dollars by lowering the elevated blood cholesterol levels found among North Carolinians, the medical community and public health system need to work together to stimulate an awareness among health professionals and the public of the relationship between elevated blood cholesterol levels and cardiovascular disease.

The National Cholesterol Awareness Survey was conducted in the Spring of 1986. The results indicated that half of all physicians do not initiate diet therapy unless blood cholesterol values reach 240 mg/dl. One in four physicians reserves diet therapy for patients with levels above 260 mg/dl. Thus, many patients at moderate risk, those between 200 and 240 mg/dl, are not receiving dietary advice and counseling.

Awareness needs to increase among the public as well, although nearly three-quarters of the public now recognize the relation of elevated blood cholesterol to coronary heart disease, and almost half state that they have had their blood cholesterol measured.

It is clear that the NIH Consensus Conference recommendations need to be put fully into practice, especially the recommendation that blood cholesterol levels be reduced to less than 200 mg/dl. How?

The first step in the treatment of high-risk and moderate-risk blood cholesterol levels is diet therapy to reduce fat intake, and caloric restriction for the overweight. The use of diet as a primary mode of therapy requires a major effort on the part of physicians, nutritionists, dietitians, and other health professionals. Lifestyle changes are difficult without adequate instructions, motivation, and encouragement. Every opportunity to teach needs to be used to advantage.

Only after a careful trial of diet modification, using the most rigorous diet appropriate for the particular individual, should drug therapy be used. Even when drugs seem appropriate, it is important to stress that maximal diet therapy should be continued. We still do not have adequate evidence of the safety of any cholesterol-lowering drugs when given over decades; therefore, drug treatment should be under-

taken cautiously, and its desirability should be periodically reevaluated, particularly in children.

Poor patient compliance is sometimes cited as a reason not to prescribe diet therapy and/or bile acid sequestrants at the blood cholesterol levels recommended by the Consensus Conference. Improving patient compliance requires thorough patient education and the provision of opportunities for patients to participate in tailoring the treatment plan to their own needs and abilities. This is an area in which the public health system and the physician community can cooperate to great advantage. Some health departments offer nutrition counseling to help patients achieve the treatment goals set by their physicians. Check with your local health department to find out if this service is available for your patients.

Given that the effects of dietary lipids and cholesterol on blood cholesterol and LDL levels are now sufficiently known, and that so many North Carolinians are at risk, population-wide strategies are both indicated and appropriate. In this regard, the National Heart, Lung and Blood Institute is mounting a major campaign, the National Cholesterol Education Program, to alert both the medical profession and the public to these issues.

Our agency is currently engaged in disseminating the Program's materials in North Carolina. One such project is a series of public service announcements which are presently being aired on television stations across the state encouraging viewers to "Know your number," i.e., their blood cholesterol values. The North Carolina Medical Society and local societies are cooperating by serving as a source to which the Department of Human Resources' toll-free Careline can refer persons who do not have a personal physician. On May 21, 1987, the Division of Health Services, the University of North Carolina - Chapel Hill School of Medicine and School of Public Health, and the North Carolina Heart Association . . . co-sponsored a training conference on Nutrition and Cardiovascular Health. The conference was for physicians, nutritionists, and other health professionals.

Local health departments are also confronting the cholesterol issue. Their screening activities will result in referrals to you for diagnosis and treatment. As mentioned earlier, you may wish to refer your patients to the health department for follow-up services such as nutrition counseling and education. One example of the services which may be available is the Craven County Health Department, where the nutritionists have adapted to North Carolina food practices the Culinary Hearts Kitchen Course developed by the New York Heart Association. They have taught this North Carolina version of the course which explains how to eat in a "heart healthy" way, North Carolina style, to many community groups in their county.

There are many other strategies for lowering blood cholesterol levels among groups of individuals at risk and the community as a whole. These include food labeling to convey more accurate information and the availability of "heart

healthy" foods in worksite cafeterias, fast food restaurants, and vending machines.

I believe strongly that, just as with hypertension control, the medical community and the public health system can and must collaborate in order to decrease the prevailing blood cholesterol levels of North Carolinians, thereby improving the quality of life as well as its length.

Fifty years ago your President, Dr. Strosnider of Goldsboro, recognized his physician colleagues in the specialty of Public Health and Preventive Medicine thusly, and I quote: "You contact the individual, you contact the remote

communities, you many times bring the people to realize what scientific medicine has to offer. . . . You point out the rule and direct the individual's footsteps to those of our profession who are able to alleviate suffering, to care and to prolong life. You should feel very proud."

I speak not only for myself and for Dr. Meredith and the entire Health Commission, but for the entire public health family in North Carolina in saying that we are most proud of the collaborative relationship that we enjoy with North Carolina's practicing physicians, a relationship that surely no other state can match. ■



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AIDS

Report of the Board of Trustees of the American Medical Association

Alan R. Nelson, M.D., Chairman

Excerpted from the AMA Interim Report (YY, A-87) on
prevention and control of AIDS

Responding sensitively, intelligently, and effectively to the growing AIDS crisis is one of the crucial public health problems facing the nation. Prevention and control of the disease must be an essential part of that response because there is, at present, no known cure for AIDS patients.

Recommendations in this report have as their foundation an overriding concern for a judicious balance between the well-being of HIV positive patients and the protection of the public health.

Education continues to be the major weapon against spread of HIV infection. Physicians should assume the leadership role in educating themselves, their patients and the public. Individuals in society also must assume responsibility for being well-informed and for actions that affect their own health and the health of others.

Background

The Current Climate

It is estimated that five to ten million people are infected with HIV virus worldwide. AIDS has been reported in more than 100 countries. In the United States HIV-infected individuals may number 1.5 million, approximately 35,000 of whom have been reported to suffer from AIDS and more than 20,000 of whom are dead.

The U.S. Public Health Service has projected that by 1991 there may be 323,000 reported patients with AIDS and as many as 200,000 of them may be dead by that time. In addition, conversion rates of seropositive people to AIDS status now appear to be higher than early preliminary estimates. Originally under 20% were thought to convert. It now appears that, without treatment advances, a much higher percentage will develop the disease.

The Challenge of AIDS Control

Since there is no cure for AIDS and no protection beyond

avoiding or making safer intimate contact with infected individuals, those infected with the virus must be sexually isolated from uninfected persons. A condom barrier offers some but not complete protection. Avoidance of sexual contact and of the use of shared needles are the only sure protections.

Further, the stigma that accompanies a diagnosis of AIDS, based on fear and society's attitude toward IV drug abusers and homosexuals, presents a factor beyond the control of the infected individual or medicine. An HIV-seropositive individual who might live five years or much longer with no overt health problems, once identified in a community, may be subject to many and varied discriminations — by family and loved ones, by neighbors and friends, by employers and fellow employees, and by other providers of services.

As with prevention and control of all contagious diseases, prevention and control of AIDS involves two, sometimes competing, concerns. First, the person who is afflicted with the disease needs compassionate treatment, and both those who have the disease and those who have been infected with the virus should not be subjected to irrational discrimination based on fear, prejudice or stereotype. Second, and of critical importance, the uninfected must be protected; those individuals who are not infected with the AIDS virus must have every opportunity to avoid transmission of the disease to them.

The Need for a National Policy on AIDS

Given the growing dimensions of the crisis and given limited national resources, it is imperative that a national policy be developed jointly by the public and private sectors. Such a policy must seek, in a cost-effective way, to achieve fundamental national goals: prevention, treatment, and cure —

and adequate research in all three areas. A coherent national approach to this modern killer is needed: a comprehensive blueprint for a national response, not piecemeal solutions. Knowledge of the disease is now more than six years old and the growing magnitude of the problem has been apparent for nearly that long.

Recommendation 1

A commission should be constituted with representatives from the Executive branch of the federal government, the Congress, state and local government, and the private sector and directed to develop a consensus position for consideration by the Congress, the Executive, state and local governments and private associations and institutions. The presidential commission announced . . . by the Administration could be broadened to implement this recommendation. A high-level body with representatives from the different branches and levels of government, but operating to the side of the more formal political processes, may have the best chance of forging the necessary national consensus which can then become the basis for concerted and coordinated action by both the public and private sectors.

The Special Role of Physicians and Other Health Care Counselors

Because there is no cure for AIDS, effective preventive techniques are vital. This involves both those who are infected and those who are not. Those who are infected must be identified so that they will not unknowingly transmit the disease to others. Many who are not infected will need to change their behavior substantially to minimize their risk of infection by the AIDS virus. The key to changed behavior is public education coupled with counseling which must be given by physicians and other health care counselors.

Public Awareness

The public is well aware of AIDS in a general sense. The attention of the media has been intensively focused on the disease. Translating general awareness into modifications of behavior is the challenge.

The groups that are most at risk for AIDS, e.g., IV drug abusers, homosexuals, bisexuals, and prostitutes, have reason to know they are at risk. Their contacts, however, may not know they are at risk and hence spouses, unborn babies, and premarital and extramarital sexual partners may become infected. Education and counseling aimed at the high-risk groups must be the first priority. The education should urge immediate counseling with a physician or other health care counselor about the risk of AIDS, the uses of antibody testing and preventive measures.

Also, it must be recognized that persons in these groups may not respond to education and counseling and, when

they do not, more aggressive programs — such as expanded methadone maintenance programs or penalties for knowingly exposing others — must be considered.

Education aimed at the more general population is difficult for at least two reasons. First, reaching all Americans with an effective message can be expensive and not all people respond in the same way or to the same method of learning. Messages must therefore be tailored to the target audience in question. Second, preventive messages must necessarily deal with controversial subject matter. Widespread use of the electronic media — especially television — appears to be the most effective way to reach the general public. Accordingly, public service advertising on the electronic media must be greatly increased and these announcements must be shown at times and in places where they will be viewed by those who need the message most.

The AMA will continue its efforts to place its own public service ads on national television. AMA's Tony Danza public service advertisement (PSA) directed at teenagers about abstinence and condoms, and other PSAs which the networks have agreed to use, are significant first steps. But, more must be done and it must be nationally coordinated.

Recommendation 2

The communications industry must develop voluntary guidelines for public service advertising regarding AIDS in consultation with the health care community and government officials. The AMA intends to be a catalyst in this effort to immediately bring the communications and health care communities together.

Counseling — and Educating Counselors

Perhaps the greatest need at the present time is effective counseling of both low-risk and high-risk populations by physicians or other health care counselors. A massive education effort for physicians and other counselors is necessary as a first step. Complete and accurate information on the disease, the modes of transmission, the appropriate application of antibody testing, and effective ways to change behavior must be understood by counselors if it is to be properly communicated to patients. In conjunction with face-to-face counseling, printed materials — like the Surgeon General's recent 36-page report on AIDS — should be widely disseminated.

Even more challenging than preparing physicians and others for generic counseling on AIDS is preparing these counselors to assist those who test positive and are infected with the virus. It is at that time that a change of behavior on the part of the person infected is most critical, and it is then that the most sophisticated counseling is required due to the emotional impact of the test results. There is no higher prevention priority than ensuring that the community of individuals who provide health care counseling be given

adequate tools to be effective. And the AMA, as the largest organization of physicians in the world, must take a leading role in this undertaking.

Recommendation 3

A conference should be immediately held between the AMA, other physician organizations and public health officials at all levels of government to determine:

- 1 The types of education and training that are necessary for effective counseling.
- 2 The people in the health care community who should receive this education and training.
- 3 The current resources available for such education and training.
- 4 Recommendations for providing additional resources, including consideration of the respective roles of medical associations and government at all levels.
- 5 Recommendations on how to update information continually as new scientific data are developed.
- 6 Recommendations as to alternative measures to prevent the spread of AIDS where education and counseling are not likely to be effective, particularly among IV drug users, through such programs as expanded methadone maintenance.

The AMA will promptly and widely report on the conference findings and assist in the implementation of the conference recommendations.

Voluntary and Mandatory Testing

Knowledge that a person is infected with the AIDS virus can be the crucial predicate to changing behavior. Thus, testing for an antibody to the AIDS virus, when used in conjunction with appropriate counseling (and when offered in the context of appropriate anti-discrimination and confidentiality protections discussed below), serves the important public health purpose of providing impetus for behavior changes that minimize the risk of transmitting the AIDS virus.

Clearly, the need for HIV-antibody testing has expanded beyond the original purpose, the screening of blood donors. Guidelines for the appropriate use of HIV-antibody testing must center on the following justifications:

- 1 To identify infected persons and to offer treatment where possible and to protect uninfected third parties.
- 2 To offer education and counseling that would modify high-risk behavior.
- 3 To solicit patient cooperation for locating and referring sex partners.
- 4 To obtain broadened epidemiological statistics on the prevalence of HIV infection in the population.

Except for individuals in the limited categories listed in Recommendation 5 below (blood, organ and semen donors,

immigrants, military personnel, prison inmates), with regard to whom testing serves well-established and well-accepted protection goals, mandatory national testing should not, at present, be broadly extended.

Military personnel have traditionally been subject to mandatory immunizations and our defense forces, of course, must be as strong as possible. Prison inmates, because they are confined and have a higher incidence of high-risk individuals than the general population, require special protection. Immigrants should be tested so that we can focus on the AIDS problem already here, and the nation certainly has the right to bar entrants with communicable diseases. The need to test donors of blood, organs and semen has never been questioned.

Public health authorities have advanced a plausible premise for their opposition to mandatory testing of homosexuals and drug abusers: such testing will only drive people underground and away from the health care system. Public health authorities also have advanced a premise for not requiring mandatory testing of large segments of the general population, such as all those seeking marriage licenses or all those admitted to hospitals: such testing in low prevalence populations would result in a high proportion of false positives, and would not be cost-effective, given the demand for voluntary testing and the shortage of testing and counseling resources for those who want them voluntarily or who will want them following effective public awareness campaigns.

Until those premises are shown by superior studies to be incorrect, a policy regarding mandatory testing which has been rejected by the vast majority of public health officials, including the Centers of Disease Control and the Surgeon General, cannot be recommended.

But certain high-risk groups should be regularly tested, with a right to informed consent and to refuse the test. Those groups are defined in Recommendation 6.

In addition, physicians and other hospital personnel involved in invasive surgical procedures who necessarily and unavoidably come in contact with the blood of patients, need to be aware of their risks. Limited regular testing of patients will assure that the CDC guidelines for the protection of hospital personnel are followed rigorously and will further assure that all patients receive prompt and full treatment. The Board emphasizes here that physicians have a long and honored tradition of tending to patients afflicted with infectious diseases with compassion and courage. That tradition must and will be continued throughout the AIDS epidemic.

Because the risk to health care personnel will be slight in most areas, any effort at mandatory testing of certain kinds of patients should be instituted after voluntary testing has failed and where a variety of factors, e.g., the costs and availability of proper testing and counseling as measured against the risk presented by the relative presence of a high-risk patient population, weigh in favor of mandatory testing.

The AMA does not believe it appropriate at this time to

extend regularly offered testing to persons other than those listed, e.g., recommended testing should not be extended to all individuals anywhere who are considering marriage or to all persons in hospitals. Decisions about whether there should be generally recommended testing to other types of individuals should, at this time, be left to the decision of the local community depending on its own circumstances and the judgments of its own public health officials.

At present, each case of AIDS must be reported by the individual physician to state public health authorities either by name or identifier. Anonymous, or if carefully implemented, confidential reporting should also be extended to all confirmed instances of persons infected with AIDS virus but not afflicted with ARC or AIDS. Individuals who are seropositive for the HIV antibody are infected with the virus and can spread the disease as certainly as those with symptoms of AIDS. A sound epidemiologic understanding of the potential impact of AIDS on society requires the reporting of those who are confirmed as testing positive for the antibody to the AIDS virus.

Recommendation 4

Tests for the AIDS virus should be readily available to all who wish to be tested. The tests should be routinely subsidized for individuals who cannot afford to pay the cost of their test.

Recommendation 5

Testing for the AIDS virus should be mandatory for donors of blood and blood fractions, organs and other tissues intended for transplantation in the United States or abroad, for donors of semen or ova collected for artificial insemination or invitro fertilization, for immigrants to the United States, for inmates in federal and state prisons and for military personnel.

Recommendation 6

Voluntary testing should be regularly provided for the following types of individuals who give an informed consent:

- 1 Patients at sexually transmitted disease clinics.
- 2 Patients at drug abuse clinics.
- 3 Pregnant women in high-risk areas in the first trimester of pregnancy.
- 4 Individuals who are from areas with a high incidence of AIDS or who engage in high-risk behavior and who are seeking family planning services.
- 5 Patients who are from areas with a high incidence of AIDS or who engage in high-risk behavior and who require surgical or other invasive procedures. If the voluntary policy is not sufficiently accepted, the hospital and medical staff should consider a mandatory program for the institution.

Recommendation 7

As a matter of medical judgment, physicians should en-

courage voluntary HIV testing for individuals whose history or clinical status warrant this measure.

Recommendation 8

Individuals who are found to be seropositive for the AIDS virus should be reported to appropriate public health officials on an anonymous or confidential basis with enough information to be epidemiologically significant.

Recommendation 9

Physicians should counsel patients before tests for AIDS to educate them about effective behaviors to avoid the risk of AIDS for themselves and others. In public screening programs, counseling may be done in whatever form is appropriate given the resources and personnel available as long as effective counseling is provided.

Recommendation 10

Physicians should counsel their patients who are found to be seropositive regarding (a) responsible behavior to prevent the spread of the disease, (b) strategies for health protection with a compromised immune system, and (c) the necessity of alerting sexual contacts, past (5-10 years) and present, regarding their possible infection by the AIDS virus. Long-term emotional support should be provided or arranged for seropositive individuals.

Recommendation 11

Patients should knowingly and willingly give consent before a voluntary test is conducted.

Resources

Only recently have Congress and the Administration begun to seriously consider the vast resources needed to deal effectively with AIDS. Federal funding for 1988 is expected to reach \$1 billion. But that amount will not be enough. The AMA endorses the bill introduced by Congressman Waxman to increase resources for testing and counseling.

Testing for the HIV virus in America will require substantially more resources than are currently being made available. Trained counselors, materials for counseling, and research on effective counseling approaches, for the variety of population groups that need these services, are urgently required. Also, dependable testing facilities with sufficient capacity to respond to the epidemic are needed now. In addition, funds for research and care must be increased to fully exploit the nation's capacity to respond effectively to this crisis.

The key premise of a prevention strategy, when there is no vaccine, is behavioral change on the part of those infected and those at risk of infection by AIDS virus. It is therefore crucial that there be immediate and systematic studies conducted of how behavior of affected groups may have changed in recent years, and if possible, what factors caused the

changes. Most particularly, it is necessary to study and evaluate the types of counseling that have been effective so that the techniques may be replicated widely. There can be little question that in a free society suasion and voluntary change, if effective, are far preferable to compulsion.

Recommendation 12

Public funding must be provided in an amount sufficient (1) to promptly and efficiently counsel and test for AIDS, (2) to conduct the research necessary to find a cure and develop an effective vaccine, (3) to perform studies to evaluate the efficiency of counseling and education programs on changing behavior and (4) to assist in the care of AIDS patients who cannot afford proper care or who cannot find appropriate facilities for treatment and care.

Protection Against Discrimination

The AMA believes strongly that AIDS victims and those who test positively for the antibody to the AIDS virus should not be treated unfairly or suffer from arbitrary or irrational discrimination in their daily lives. Last year, the AMA filed a friend of the court brief in *School Board of Nassau County v. Arline*, a case before the Supreme Court which addressed the question of how the federal handicapped anti-discrimination laws should apply to persons afflicted with contagious diseases. The AMA set forth a framework for the application of the law which the Supreme Court adopted, quoting verbatim from the AMA brief in its key holding.

A sound anti-discrimination approach does not allow reflexive discrimination against AIDS victims based on fear or stereotype or prejudice. Nor does it require that all employers or other federal fund recipients automatically accommodate a person afflicted with a communicable disease. Instead, based on an individualized analysis of the nature and duration of the handicap and the nature and duration of the communicability, a federal fund recipient must make a reasonable accommodation based on reasonable medical judgments, given the state of medical knowledge at the time. This sound framework for carefully balancing the two competing concerns — the right of the victim to be free from irrational acts of prejudice and the right of others to be protected against an unreasonable risk from disease — should also guide state anti-discrimination efforts.

A key question left open by the Supreme Court is whether a person who is not afflicted with AIDS or AIDS Related Complex, but who nonetheless tests positive for the antibody, is protected by the federal anti-discrimination law.

In order to encourage people to seek counseling, and testing if necessary, the AMA strongly urges that anti-discrimination laws at both the federal and state levels be clarified either by regulatory interpretation or statutory amendment to cover those who test HIV antibody positive. Allowing irrational discrimination against those who test positive serves no useful purpose: it only has the destructive

effect of removing those who are otherwise productive members of society from the work force or otherwise denying them access to an important aspect of normal life. While the federal law should continue to apply only to federal fund recipients, state laws should be sought to prevent irrational discrimination by entities or individuals within those jurisdictions.

Recommendation 13

Anti-discrimination laws must be clarified or amended to cover those who test positive for antibodies to the AIDS virus.

Confidentiality

The ability of the health care community to maintain the confidentiality of patient information and restrict its use to only those purposes essential for maintenance of health is, like clarification of anti-discrimination laws, vital to an effective program of preventing and controlling AIDS. The basic principle should be that access to patient information should be limited only to health care personnel who have a legitimate need to have access to the information in order to assist the patient or to protect the health of others closely associated with the patient.

As with anti-discrimination laws, laws protecting the confidentiality of patient information should be on both federal and state agendas.

Recommendation 14

Model confidentiality laws must be drafted which can be adopted at all levels of government to encourage as much uniformity as possible in protecting the identity of AIDS patients and carriers, except where the public health requires otherwise.

Questions for the Future

As the national debate on prevention and control of AIDS continues, other important issues will need to be addressed.

Research and Data

There is an urgent and critical need for more scientifically sound data on the prevalence and spread of virus in the general population. At the present time only those cases that meet the current CDC surveillance definition of AIDS are reported to that institution. Since AIDS is the terminal and fatal stage of HIV-infection, it represents only the tip of the huge HIV-infection iceberg. How large the base of the iceberg really is — that is, how many people are actually infected — can only be estimated from the number of reported AIDS cases. That has been done by using a multiple

(50 to 100 times the number of AIDS cases) that has been extracted largely from surveys done in high-prevalence areas. Yet this same multiple has been used to estimate the number of current and potential HIV-infected persons in low-prevalence areas and for that matter the entire country and even the world. The CDC itself is unsure about the accuracy of its estimates. Yet if economic and medical plans are to be made for the future, reliable projections must be available. How sufficient or exaggerated these plans may be depends upon the accuracy of current and future estimates of HIV-infected persons, particularly as to the extent of its spread into the low-risk heterosexual population.

Not only are accurate estimates of HIV-infected persons needed, but so too are reliable data on the rate of conversion of asymptomatic seropositive persons to clinical illness, including AIDS, that requires increased medical care. This information is important for the formulation of plans for the future cases of potentially hospitalizable patients and the economic consideration thereof. HIV-infection has protean manifestations and death can result not only from AIDS itself, but from severe ARC or progressive CNS disease as well. In order to obtain accurate information in HIV infected persons on the rate of conversion from asymptomatic to clinically severe illness, baseline data on their serologic status must be obtained as early as possible — not after clinically manifest disease is present. The presence of HIV antibodies indicates not only current infection with the virus, but also that the patient is potentially capable of transmitting the disease. This follows from the fact that HIV integrates its genome into the host cell genome with the result that once infected, the patient remains infected for life and is, therefore, capable of life-long transmission of the agent. The earlier the infected person is detected, the earlier he or she may be advised of this contagious state and counseled on how to avoid further transmission of this lethal virus.

Recommendation 15

Consistent with the proposal by the Secretary of Health and Human Services, a national study in various areas of the country must be immediately undertaken to determine the prevalence and conversion rate of the virus in the United States population, and the study must be repeated at appropriate intervals to gauge the spread of the disease.

Warning to Third Parties

One of the more difficult issues for society is how to warn unsuspecting spouses or sexual partners of persons who test HIV positive. Such a warning would allow the third party to practice "safer" sex or to abstain from sexual relations with the infected person altogether. Given the life-or-death

consequences, the unsuspecting third party should, as a general matter, be warned because there is no cure and because it may not be responsible to rely solely on the infected person to provide a suitable warning.

Physicians who have reason to believe that there is an unsuspecting sexual partner of an infected individual should be encouraged to inform public health authorities. The duty to warn the unsuspecting sexual partner should then reside in the public health authorities as well as the infected person and not in the physician to the infected person.

The AMA believes that mechanisms, analogous to those used by public health authorities to warn sexual partners about other sexually transmitted diseases, should be put in place to warn unsuspecting third parties about an infected sexual partner. Such warning may be appropriate whether the infected person is bisexual, heterosexual or homosexual.

This problem raises the general question of whether anonymous reporting should continue to be the standard for persons who test seropositive. Our recommendation at this time is limited to situations where physicians or health officials already know the identity of the AIDS carrier and have reason to believe a risk to third parties exists.

Recommendation 16

Specific statutes must be drafted which, while protecting to the greatest extent possible the confidentiality of patient information, (a) provide a method for warning unsuspecting sexual partners, (b) protect physicians from liability for failure to warn the unsuspecting third party but (c) establish clear standards for when a physician should inform the public health authorities, and (d) provide clear guidelines for public health authorities who need to trace the unsuspecting sexual partners of the infected person.

Sanctions for Reckless Disregard for the Safety of Others

A related question which must be explored is whether an infected person, who knows he or she is infected and who knowingly fails to warn a sexual partner of the infection, should be subject not just to tort suits, but to a proceeding brought by state authorities to sanction the individual.

Recommendation 17

Given the risk of infection being transmitted sexually, and given the dire potential consequences of transmission, serious consideration should be given to sanctions, at least in circumstances where an unsuspecting sexual partner subsequently finds out about a partner's infection and brings a complaint to the attention of authorities. Pre-emptive sanctions are not being endorsed by this recommendation. ■

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Before prescribing, please consult complete product information, a summary of which follows:

MICROBIOLOGY The bactericidal activity of ceftriaxone results from inhibition of cell wall synthesis. Ceftriaxone has a high degree of stability in the presence of beta-lactamases, both penicillinases and cephalosporinases, of gram-negative and gram-positive bacteria. Ceftriaxone is usually active against the following microorganisms *in vitro* and in clinical infections (see Indications and Usage):

GRAM-NEGATIVE AEROBES: *Enterobacter aerogenes*, *Enterobacter cloacae*, *Escherichia coli*, *Haemophilus influenzae* (including ampicillin-resistant strains), *H. parainfluenzae*, *Klebsiella* species (including *K. pneumoniae*), *Neisseria gonorrhoeae* (including penicillinase and nonpenicillinase producing strains), *Neisseria meningitidis*, *Proteus mirabilis*, *Proteus vulgaris*, *Morganella morganii* and *Serratia marcescens*.

Note: Many strains of the above organisms that are multiply resistant to other antibiotics, e.g., penicillins, cephalosporins and aminoglycosides, are susceptible to ceftriaxone sodium. Ceftriaxone is also active against many strains of *Pseudomonas aeruginosa*.

GRAM-POSITIVE AEROBES: *Staphylococcus aureus* (including penicillinase producing strains) and *Staphylococcus epidermidis* (Note: methicillin-resistant *Staphylococcus* are resistant to cephalosporins, including ceftriaxone), *Streptococcus pyogenes* (Group A beta-hemolytic streptococcus), *Streptococcus agalactiae* (Group B streptococcus) and *Streptococcus pneumoniae* (Note: Most strains of enterococci, *Streptococcus faecalis* and Group D streptococci are resistant).

Ceftriaxone also demonstrates *in vitro* activity against the following microorganisms, although the clinical significance is unknown:

GRAM-NEGATIVE AEROBES: *Citrobacter freundii*, *Citrobacter diversus*, *Providencia* species (including *Providencia rettgeri*), *Salmonella* species (including *S. typhi*), *Shigella* species and *Acinetobacter calcoaceticus*.

ANAEROBES: *Bacteroides* species, *Clostridium* species (Note: most strains of *C. difficile* are resistant).

SUSCEPTIBILITY TESTING Standard susceptibility disk method: Quantitative methods that require measurement of zone diameters give the most precise estimate of antibiotic susceptibility. One such procedure (Bauer AW, Kirby WMM, Sherris JC, Turck M: Antimicrobial Susceptibility Testing by a Standardized Single Disk Method. *Am J Clin Pathol* 45:493-496, 1966; Standardized Disk Susceptibility Test, Federal Register 39:19182-19184, 1974; National Committee for Clinical Laboratory Standards, Approved Standard, ASM 2, Performance Standards for Antimicrobial Disk Susceptibility Tests, July 1975) has been recommended for use with disks to test susceptibility to ceftriaxone.

Laboratory results of the standardized single-disk susceptibility test using a 30-mcg ceftriaxone disk should be interpreted according to the following three criteria:

1. Susceptible organisms produce zones of 18 mm or greater, indicating that the organism is likely to respond to therapy.
2. Organisms that produce zones of 14 to 17 mm are expected to be susceptible if a high dosage (not to exceed 4 gm per day) is used or if the infection is confined to tissues and fluids (e.g., urine), in which high antibiotic levels are attained.
3. Resistant organisms produce zones of 13 mm or less, indicating that other therapy should be selected. Organisms should be tested with the ceftriaxone disk, since ceftriaxone has been shown by *in vitro* tests to be active against certain strains found resistant to cephalosporin class disks.

Organisms having zones of less than 18 mm around the cephalothin disk are not necessarily of intermediate susceptibility or resistant to ceftriaxone.

Standardized procedures require use of control organisms. The 30-mcg ceftriaxone disk should give zone diameters between 29 and 35 mm, 22 and 28 mm and 17 and 23 mm for the reference strains *E. coli* ATCC 25922, *S. aureus* ATCC 25923 and *P. aeruginosa* ATCC 27853, respectively.

DILUTION TECHNIQUES: Based on the pharmacokinetic profile of ceftriaxone, a bacterial isolate may be considered susceptible if the MIC value for ceftriaxone is not more than 16 mcg/ml. Organisms are considered resistant to ceftriaxone if the MIC is equal to or greater than 64 mcg/ml. Organisms having an MIC value of less than 64 mcg/ml, but greater than 16 mcg/ml, are expected to be susceptible if a high dosage (not to exceed 4 gm per day) is used or if the infection is confined to tissues and fluids (e.g., urine), in which high antibiotic levels are attained.

E. coli ATCC 25922, *S. aureus* ATCC 25923 and *P. aeruginosa* ATCC 27853 are also the recommended reference strains for controlling ceftriaxone dilution tests. Greater than 95% of MICs for the *E. coli* strain should fall within the range of 0.016 to 0.5 mcg/ml. The range for the *S. aureus* strain should be 1 to 2 mcg/ml, while for the *P. aeruginosa* strain the range should be 8 to 64 mcg/ml.

INDICATIONS AND USAGE: Rocephin is indicated for the treatment of the following infections when caused by susceptible organisms:

LOWER RESPIRATORY TRACT INFECTIONS caused by *Strep. pneumoniae*, *Streptococcus* species (excluding enterococci), *Staph. aureus*, *H. influenzae*, *H. parainfluenzae*, *Klebsiella* species (including *K. pneumoniae*), *E. coli*, *E. aerogenes*, *Proteus mirabilis* and *Serratia marcescens*.

SKIN AND SKIN STRUCTURE INFECTIONS caused by *Staph. aureus*, *Staph. epidermidis*, *Streptococcus* species (excluding enterococci), *E. cloacae*, *Klebsiella* species (including *K. pneumoniae*), *Proteus mirabilis* and *Pseudomonas aeruginosa*.

URINARY TRACT INFECTIONS (complicated and uncomplicated) caused by *E. coli*, *Proteus mirabilis*, *Proteus vulgaris*, *M. morganii* and *Klebsiella* species (including *K. pneumoniae*).

UNCOMPLICATED GONORRHEA (cervical/urethral and rectal) caused by *Neisseria gonorrhoeae*, including both penicillinase and nonpenicillinase producing strains.

PELVIC INFLAMMATORY DISEASE caused by *N. gonorrhoeae*.

BACTERIAL SEPTICEMIA caused by *Staph. aureus*, *Strep. pneumoniae*, *E. coli*, *H. influenzae* and *K. pneumoniae*.

BONE AND JOINT INFECTIONS caused by *Staph. aureus*, *Strep. pneumoniae*, *Streptococcus* species (excluding enterococci), *E. coli*, *P. mirabilis*, *K. pneumoniae* and *Enterobacter* species.

INTRA-ABDOMINAL INFECTIONS caused by *E. coli* and *K. pneumoniae*.

MENINGITIS caused by *H. influenzae*, *N. meningitidis* and *Strep. pneumoniae*. Ceftriaxone has also been used successfully in a limited number of cases of meningitis and shunt infections caused by *Staph. epidermidis* and *E. coli*.

PROPHYLAXIS: The administration of a single dose of ceftriaxone preoperatively may reduce the incidence of postoperative infections in patients undergoing coronary artery bypass surgery.

Although ceftriaxone has been shown to have been as effective as cefazolin in the prevention of infection following coronary artery bypass surgery, no placebo-controlled trials have been conducted to evaluate any cephalosporin antibiotic in the prevention of infection following coronary artery bypass surgery.

SUSCEPTIBILITY TESTING: Before instituting treatment with Rocephin, appropriate specimens should be obtained for isolation of the causative organism and for determination of its susceptibility to the drug. Therapy may be instituted prior to obtaining results of susceptibility testing.

CONTRAINDICATIONS: Rocephin is contraindicated in patients with known allergy to the cephalosporin class of antibiotics.

WARNINGS: BEFORE THERAPY WITH ROCEPHIN IS INSTITUTED, CAREFUL INQUIRY SHOULD BE MADE TO DETERMINE WHETHER THE PATIENT HAS HAD PREVIOUS HYPERSENSITIVITY REACTIONS TO CEPHALOSPORINS, PENICILLINS OR OTHER DRUGS. THIS PRODUCT SHOULD BE GIVEN CAUTIOUSLY TO PENICILLIN-SENSITIVE PATIENTS. ANTIBIOTICS SHOULD BE ADMINISTERED WITH CAUTION TO ANY PATIENT WHO HAS DEMONSTRATED SOME FORM OF ALLERGY, PARTICULARLY TO DRUGS. SERIOUS ACUTE HYPERSENSITIVITY REACTIONS MAY REQUIRE THE USE OF SUBCUTANEOUS EPINEPHRINE AND OTHER EMERGENCY MEASURES.

Pseudomembranous colitis has been reported with the use of cephalosporins (and other broad spectrum antibiotics), therefore, it is important to consider its diagnosis in patients who develop diarrhea in association with antibiotic use.

ROCEPHIN® (ceftriaxone sodium/Roche)

Treatment with broad spectrum antibiotics alters the normal flora of the colon and may permit overgrowth of *Clostridia*. Studies indicate a toxin produced by *Clostridium difficile* is one primary cause of antibiotic associated colitis. Cholestyramine and colestipol resins have been shown to bind to the toxin *in vitro*. Mild cases of colitis respond to drug discontinuance alone. Moderate to severe cases should be managed with fluid, electrolyte and protein supplementation as indicated.

When the colitis is not relieved by drug discontinuance or when it is severe, oral vancomycin is the treatment of choice for antibiotic-associated pseudomembranous colitis produced by *C. difficile*. Other causes of colitis should also be considered.

PRECAUTIONS: GENERAL Although transient elevations of BUN and serum creatinine have been observed, at the recommended dosages, the nephrotoxic potential of Rocephin is similar to that of other cephalosporins.

Ceftriaxone is excreted via both biliary and renal excretion (see Clinical Pharmacology). Therefore, patients with renal failure normally require no adjustment in dosage when usual doses of Rocephin are administered, but concentrations of drug in the serum should be monitored periodically. If evidence of accumulation exists, dosage should be decreased accordingly.

Dosage adjustments should not be necessary in patients with hepatic dysfunction, however, in patients with both hepatic dysfunction and significant renal disease, Rocephin dosage should not exceed 2 gm daily without close monitoring of serum concentrations.

Alterations in prothrombin times have occurred rarely in patients treated with Rocephin. Patients with impaired vitamin K synthesis or low vitamin K stores (e.g., chronic hepatic disease and malnutrition) may require monitoring of prothrombin time during Rocephin treatment. Vitamin K administration (10 mg weekly) may be necessary if the prothrombin time is prolonged before or during therapy.

Prolonged use of Rocephin may result in overgrowth of nonsusceptible organisms. Careful observation of the patient is essential. If superinfection occurs during therapy, appropriate measures should be taken. Rocephin should be prescribed with caution in individuals with a history of gastrointestinal disease especially colitis.

CARCINOGENESIS, MUTAGENESIS, IMPAIRMENT OF FERTILITY Carcinogenesis: Considering the maximum duration of treatment and the class of the compound, carcinogenicity studies with ceftriaxone in animals have not been performed. The maximum duration of animal toxicity studies was six months. Mutagenesis: Genetic toxicology tests including the Ames test, a micronucleus test and a test for chromosomal aberrations in human lymphocytes cultured *in vitro* with ceftriaxone. Ceftriaxone showed no potential for mutagenic activity in these studies.

Impairment of Fertility: Ceftriaxone produced no impairment of fertility when given intravenously to rats at daily doses up to 586 mg/kg/day, approximately 20 times the recommended clinical dose of 2 gm/day.

PREGNANCY Teratogenic Effects: Pregnancy Category B. Reproductive studies have been performed in mice and rats at doses up to 20 times the usual human dose and have no evidence of embryotoxicity, fetotoxicity or teratogenicity. In primates, no embryotoxicity or teratogenicity was demonstrated at a dose approximately three times the human dose.

There are, however, no adequate and well-controlled studies in pregnant women. Because animal reproductive studies are not always predictive of human response, this drug should be used during pregnancy only if clearly needed.

Nonreproductive Effects: In rats, in the Segment I (fertility and general reproduction) and Segment III (perinatal and postnatal) studies with intravenously administered ceftriaxone, no adverse effects were noted on various reproductive parameters during gestation and lactation, including postnatal growth, functional behavior and reproductive ability of the offspring, at doses of 586 mg/kg/day or less.

NURSING MOTHERS: Low concentrations of ceftriaxone are excreted in human milk. Caution should be exercised when Rocephin is administered to a nursing woman.

PEDIATRIC USE: Safety and effectiveness of Rocephin in neonates, infants and children have been established for the dosages described in the Dosage and Administration section.

ADVERSE REACTIONS: Rocephin is generally well tolerated. In clinical trials, the following adverse reactions, which were considered to be related to Rocephin therapy or of uncertain etiology, were observed: **LOCAL REACTIONS**—pain, induration or tenderness at the site of injection (1%). Less frequently reported (less than 1%) was phlebitis after IV administration.

HYPERSENSITIVITY—rash (17%). Less frequently reported (less than 1%) were pruritus, fever or chills.

HEMATOLOGIC—anemia (6%), thrombocytosis (51%) and leukopenia (21%). Less frequently reported (less than 1%) were anemia, neutropenia, lymphopenia, thrombocytopenia and prolongation of the prothrombin time.

GASTROINTESTINAL—diarrhea (27%). Less frequently reported (less than 1%) were nausea or vomiting, and dysgeusia.

HEPATIC—elevations of SGOT (31%) or SGPT (33%). Less frequently reported (less than 1%) were elevations of alkaline phosphatase and bilirubin.

RENAL—elevations of the BUN (12%). Less frequently reported (less than 1%) were elevations of creatinine and the presence of casts in the urine.

CENTRAL NERVOUS SYSTEM—headache or dizziness were reported occasionally (less than 1%).

GENITOURINARY—moniliasis or vaginitis were reported occasionally (less than 1%).

MISCELLANEOUS—diaphoresis and flushing were reported occasionally (less than 1%).

Other rarely observed adverse reactions (less than 0.1%) include leukocytosis, lymphocytosis, monocytosis, basophilia, a decrease in the prothrombin time, jaundice, glycosuria, hematuria, bronchospasm, serum sickness, abdominal pain, colitis, flatulence, dyspepsia, palpitations and epistaxis.

DOSEAGE AND ADMINISTRATION Rocephin may be administered intravenously or intramuscularly. The usual adult daily dose is 1 to 2 gm given once a day (or in equally divided doses twice a day) depending on the type and severity of the infection. The total daily dose should not exceed 4 grams.

For the treatment of serious miscellaneous infections in children, other than meningitis, the recommended total daily dose is 50 to 75 mg/kg (not to exceed 2 grams) given in divided doses every 12 hours. Generally, Rocephin therapy should be continued for at least two days after the signs and symptoms of infection have disappeared. The usual duration is 4 to 14 days, in complicated infections longer therapy may be required.

In the treatment of meningitis, a daily dose of 100 mg/kg (not to exceed 4 grams), given in divided doses every 12 hours, should be administered with or without a loading dose of 75 mg/kg.

For the treatment of uncomplicated gonococcal infections, a single intramuscular dose of 250 mg is recommended.

For prophylactic use (surgical prophylaxis), a single dose of 1 gm administered ½ to 2 hours before surgery is recommended.

When treating infections caused by *Streptococcus pyogenes*, therapy should be continued for at least ten days.

No dosage adjustment is necessary for patients with impairment of renal or hepatic function, however, blood levels should be monitored in patients with severe renal impairment (e.g., dialysis patients) and in patients with both renal and hepatic dysfunctions.

HOW SUPPLIED: Rocephin (ceftriaxone sodium/Roche) is supplied as a sterile crystalline powder in glass vials and piggyback bottles. The following packages are available:

Vials containing 250 mg equivalent of ceftriaxone. Boxes of 10 (NDC 0004 1962-01).

Vials containing 500 mg equivalent of ceftriaxone. Boxes of 10 (NDC 0004 1963-01).

Vials containing 1 gm equivalent of ceftriaxone. Boxes of 10 (NDC 0004 1964-01).

Piggyback bottles containing 1 gm equivalent of ceftriaxone. Boxes of 10 (NDC 0004 1964-03).

Vials containing 2 gm equivalent of ceftriaxone. Boxes of 10 (NDC 0004 1965-01).

Piggyback bottles containing 2 gm equivalent of ceftriaxone. Boxes of 10 (NDC 0004 1965-03).

Butt pharmacy containers, containing 10 gm equivalent of ceftriaxone. Boxes of 1 (NDC 0004 1971-01).

NOT FOR DIRECT ADMINISTRATION.

Roche Laboratories
Division of Hoffmann-La Roche Inc.
Nutley, New Jersey 07110



References:

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3. Richards DM, et al. *Drugs* 27:469-527, 1984.
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Rub a Dub Dub, Two Bugs in the Tub

Paul R. Becherer, M.D.

While a whirl in the whirlpool and a dip in the pool may be refreshing, the hazards may involve more than a temporary pruning. Physicians should be aware of the two increasingly recognized entities of *Pseudomonas* folliculitis and *Mycobacterium marinum* skin infections.

Pseudomonas auruginosa has the unique capability to fix nitrogen and utilize carbon dioxide dissolved in water, allowing it to replicate even in distilled water. This characteristic, as well as the organism's ability to tolerate chlorine and elevated temperatures, makes it well suited for environments such as swimming pools, whirlpools, saunas, physical therapy pools and waterslides, which have all been associated with outbreaks of folliculitis. High water temperature, water turbulence, aeration, heavy bather load, long exposure, tight clothing and possibly young age may contribute to the risk of infection.

Approximately 48 hours (range, 8 hours to 5 days) after exposure, a papular to papulopustular rash develops on any hair-bearing area, with particular predilection for the buttocks, axillae, hips and lateral trunk. This rash may be confused with insect bites, allergic reactions, contact dermatitis, hives, impetigo, or scabies. Associated symptoms have included low grade fever, headache, malaise, and myalgias as well as pharyngitis, external otitis, and mastitis, and occasional nausea and vomiting. Generally considered to be self-limiting, lasting several days to weeks, the infection can occasionally proceed to chronic abscess formation. Therapy is not warranted as the bacteria are rapidly cleared from the skin by neutrophils with the inflammation being related to exotoxin production. Steroids seem to exacerbate the rash, leading to generalization.

Mycobacterium marinum is also associated with swimming pools, as well as with tropical fish tanks and marine-related abrasions. Most commonly seen along the extrem-

ities, the infection appears as a crop of papules at the site of trauma with frequent progression to shallow ulcers or scab formation. Occasionally sporotrichoid nodules may develop. The terms "swimming pool granuloma" and "fish tank granuloma" are descriptive in light of the histological appearance of minimally caseating granulomata with occasional organisms. While the organisms may be seen in the exudate or biopsy material, culture of the bacterium requires alerting the laboratory that *Mycobacterium marinum* is in the differential such that the specimen can be cultured at 30° C.

In one study, 16 out of 21 patients had greater than 10 mm of induration to PPD-Platy (*M. marinum*), and 14 out of 20 with no previous tuberculosis exposure had a similar reaction to PPD-S (*M. tuberculosis*). Therapeutic trials for "swimming pool granuloma" have been complicated by the common occurrence of spontaneous remission. Intervention has included excision of the lesion, local heat, electrodesiccation, and chemotherapy. Rifampin plus ethambutol is probably the treatment of choice, particularly in advanced disease, with three weeks of doxycycline or trimethoprim plus sulfamethoxazole being reserved for minor infections. ■

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From Chief Resident of Medicine, University of North Carolina School of Medicine, Chapel Hill 27514.

"High Quadriplegia— The Ultimate Challenge"

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Symposium Preview:

High Quadriplegics: They Can Go Home Again

With high quadriplegics surviving at unprecedented rates, quality of life issues and discharge planning are of paramount importance from the first

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Medical Overview: Care of the High Quadriplegic

The potential for complications such as deep vein thrombosis, stress ulceration, decubitus, pneumonia, urinary tract infections and sepsis poses a serious threat to high quadriplegic patients. Prevention strategies, the benefits of early mobilization of ventilator dependent patients and medical management of complications are covered.

Ventilator Weaning

All high quadriplegics at Shepherd Spinal Center are evaluated to determine their candidacy for phrenic nerve pacer implants and their potential for weaning from mechanical ventilation. The pulmonary evaluation studies performed at SSC and protocols for weaning are included.

Panel and Concurrent Session Topics:

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Contact the Admissions Office for routine information. A physician is on 24-hour call to assist in emergency arrangements.



When 28 year-old Larry McAfee was brought to Shepherd Spinal Center as a result of a motorcycle accident in late 1985, he was classified as a C-1 complete spinal cord injury. He was suffering from severe burns on his right ankle, massive atelectasis, pneumothorax and pneumonia. Paralyzed instantly at the first cervical vertebrae below the brain stem, he required mechanical ventilation for breathing.

The road to a meaningful quality of life has been a long one for Larry, requiring intensive medical care, rehabilitation, counseling—and Larry's own unsinkable spirit.

We couldn't promise Larry miracles, but we could promise him the care of the largest rehabilitation hospital in the nation specializing in paralyzing spinal cord disorders, Shepherd Spinal Center in Atlanta. With the help of various adaptive devices and skilled attendants, it is possible for Larry to live independently

in an apartment since his discharge from Shepherd. He now actively pursues his goal of a career as a computer programming consultant.

At Shepherd Spinal Center, our ultimate challenge is to assist patients like Larry in a comprehensive High Quadriplegia Program, (C 1-4). We involve referring physicians in all aspects of discharge planning for follow-up medical supervision with the hope that patients like Larry will go home again.

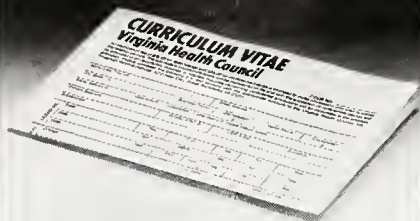
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Transparencies	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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CARAFATE[®]
(sucralfate)

BRIEF SUMMARY

CONTRAINDICATIONS

There are no known contraindications to the use of sucralfate.

PRECAUTIONS

Duodenal ulcer is a chronic, recurrent disease. While short-term treatment with sucralfate can result in complete healing of the ulcer, a successful course of treatment with sucralfate should not be expected to alter the post-healing frequency or severity of duodenal ulceration.

Drug Interactions: Animal studies have shown that the simultaneous administration of CARAFATE with tetracycline, phenytoin, or cimetidine will result in a statistically significant reduction in the bioavailability of these agents. This interaction appears to be nonsystemic in origin, presumably resulting from these agents being bound by CARAFATE in the gastrointestinal tract. The bioavailability of these agents may be restored simply by separating the administration of these agents from that of CARAFATE by two hours. The clinical significance of these animal studies is yet to be defined.

Carcinogenesis, Mutagenesis, Impairment of Fertility: No evidence of drug-related tumorigenicity was found in chronic oral toxicity studies of 24 months' duration conducted in mice and rats at doses up to 1 gm/kg (12 times the human dose). A reproduction study in rats at doses up to 38 times the human dose did not reveal any indication of fertility impairment. Mutagenicity studies have not been conducted.

Pregnancy: Pregnancy Category B. Teratogenicity studies have been performed in mice, rats, and rabbits at doses up to 50 times the human dose and have revealed no evidence of harm to the fetus due to sucralfate. There are, however, no adequate and well-controlled studies in pregnant women. Because animal reproduction studies are not always predictive of human response, this drug should be used during pregnancy only if clearly needed.

Nursing Mothers: It is not known whether this drug is excreted in human milk. Because many drugs are excreted in human milk, caution should be exercised when sucralfate is administered to a nursing woman.

Pediatric Use: Safety and effectiveness in children have not been established.

ADVERSE REACTIONS

Adverse reactions to sucralfate in clinical trials were minor and only rarely led to discontinuation of the drug. In studies involving over 2,500 patients, adverse effects were reported in 121 (4.7%). Constipation was the most frequent complaint (2.2%). Other adverse effects, reported in no more than one of every 350 patients, were diarrhea, nausea, gastric discomfort, indigestion, dry mouth, rash, pruritus, back pain, dizziness, sleepiness, and vertigo.

DOSAGE AND ADMINISTRATION

The recommended adult oral dosage for duodenal ulcer is 1 gm four times a day on an empty stomach.

Antacids may be prescribed as needed for relief of pain but should not be taken within one-half hour before or after sucralfate.

While healing with sucralfate may occur during the first week or two, treatment should be continued for 4 to 8 weeks unless healing has been demonstrated by x-ray or endoscopic examination.

HOW SUPPLIED

CARAFATE (sucralfate) 1-gm pink tablets are supplied in bottles of 100 and in Unit Dose Identification Packs of 100. The tablets are embossed with MARION/1712.

Issued 3/84

References:

1. Korman MG, Shaw RG, Hansky J, et al: *Gastroenterology* 80:1451-1453, 1981.
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**No other estrogen proven
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Only conjugated estrogens tablets have established efficacy in both osteoporosis¹ and vasomotor symptoms* at 0.625 mg/day. No other estrogen, oral or transdermal, has established clinical evidence or minimum effective dose in both indications.

No estrogen proven safer

PREMARIN is the most extensively tested estrogen, with an unsurpassed record of long-term safety. And clinical evidence shows a significantly reduced risk of endometrial hyperplasia when cycled with a progestin.²

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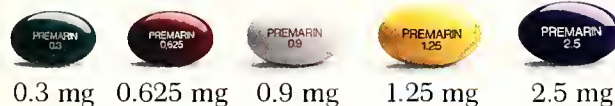
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*PREMARIN is indicated for moderate-to-severe vasomotor symptoms.

Please see following page for brief summary
of prescribing information.

For moderate-to-severe vasomotor symptoms and for osteoporosis

PREMARIN® (conjugated estrogens tablets)



The appearance of these tablets is a trademark of Ayerst Laboratories.

BRIEF SUMMARY (FOR FULL PRESCRIBING INFORMATION AND PATIENT INFORMATION, SEE PACKAGE CIRCULARS.)

PREMARIN® Brand of conjugated estrogens tablets, USP

PREMARIN® Brand of conjugated estrogens Vaginal Cream, in a nonliquefying base

1 ESTROGENS HAVE BEEN REPORTED TO INCREASE THE RISK OF ENDOMETRIAL CARCINOMA. Three independent, case-controlled studies have reported an increased risk of endometrial cancer in postmenopausal women exposed to exogenous estrogens for more than one year. This risk was independent of the other known risk factors for endometrial cancer. These studies are further supported by the finding that incidence rates of endometrial cancer have increased sharply since 1969 in eight different areas of the United States with population-based cancer reporting systems, an increase which may be related to the rapidly expanding use of estrogens during the last decade. The three case-controlled studies reported that the risk of endometrial cancer in estrogen users was about 4.5 to 13.9 times greater than in nonusers. The risk appears to depend on both duration of treatment and on estrogen dose. In view of these findings, when estrogens are used for the treatment of menopausal symptoms, the lowest dose that will control symptoms should be utilized and medication should be discontinued as soon as possible. When prolonged treatment is medically indicated, the patient should be reassessed on at least a semi-annual basis to determine the need for continued therapy. Although the evidence must be considered preliminary, one study suggests that cyclic administration of low doses of estrogen may carry less risk than continuous administration, it therefore appears prudent to utilize such a regimen. Close clinical surveillance of all women taking estrogens is important. In all cases of undiagnosed persistent or recurring abnormal vaginal bleeding, adequate diagnostic measures should be undertaken to rule out malignancy. There is no evidence at present that "natural" estrogens are more or less hazardous than "synthetic" estrogens at equi-estrogenic doses.

2 ESTROGENS SHOULD NOT BE USED DURING PREGNANCY

The use of female sex hormones, both estrogens and progestogens, during early pregnancy may seriously damage the offspring. It has been shown that females exposed in utero to diethylstilbestrol, a nonsteroidal estrogen, have an increased risk of developing, in later life, a form of vaginal or cervical cancer that is ordinarily extremely rare. This risk has been estimated as not greater than 4 per 1,000 exposures. Furthermore, a high percentage of such exposed women (from 30% to 90%) have been found to have vaginal adenosis, epithelial changes of the vagina and cervix. Although these changes are histologically benign, it is not known whether they are precursors of malignancy. Although similar data are not available with the use of other estrogens, it cannot be presumed they would not induce similar changes. Several reports suggest an association between intrauterine exposure to female sex hormones and congenital anomalies, including congenital heart defects and limb-reduction defects. One case-controlled study estimated a 4.7-fold increased risk of limb-reduction defects in infants exposed in utero to sex hormones (oral contraceptives, hormone withdrawal tests for pregnancy or attempted treatment for threatened abortion). Some of these exposures were very short and involved only a few days of treatment. The data suggest that the risk of limb-reduction defects in exposed fetuses is somewhat less than 1 per 1,000. In the past, female sex hormones have been used during pregnancy in an attempt to treat threatened or habitual abortion. There is considerable evidence that estrogens are ineffective for these indications, and there is no evidence from well-controlled studies that progestogens are effective for these uses. If PREMARIN is used during pregnancy, or if the patient becomes pregnant while taking this drug, she should be apprised of the potential risks to the fetus, and the advisability of pregnancy continuation.

DESCRIPTION: PREMARIN (conjugated estrogens, USP) contains a mixture of estrogens, obtained exclusively from natural sources, blended to represent the average composition of material derived from pregnant mares' urine. It contains estrone, equilin, and 17 α -dihydroequilin, together with smaller amounts of 17 α -estradiol, equilin, and 17 α -dihydroequilin as salts of their sulfate esters. Tablets are available in 0.3 mg, 0.625 mg, 0.9 mg, 1.25 mg, and 2.5 mg strengths of conjugated estrogens. Cream is available as 0.625 mg conjugated estrogens per gram.

INDICATIONS AND USAGE: PREMARIN (conjugated estrogens tablets, USP): Moderate-to-severe vasomotor symptoms associated with the menopause. (There is no evidence that estrogens are effective for nervous symptoms or depression without associated vasomotor symptoms and they should not be used to treat such conditions.) Osteoporosis (abnormally low bone mass). Atrophic vaginitis. Kraurosis vulvae. Female castration.

PREMARIN (conjugated estrogens) Vaginal Cream is indicated in the treatment of atrophic vaginitis and kraurosis vulvae.

PREMARIN HAS NOT BEEN SHOWN TO BE EFFECTIVE FOR ANY PURPOSE DURING PREGNANCY AND ITS USE MAY CAUSE SEVERE HARM TO THE FETUS (SEE BOXED WARNING).

Concomitant Progestin Use: The lowest effective dose appropriate for the specific indication should be utilized. Studies of the addition of a progestin for 7 or more days of a cycle of estrogen administration have reported a lowered incidence of endometrial hyperplasia. Morphological and biochemical studies of the endometrium suggest that 10 to 13 days of progestin are needed to provide maximal maturation of the endometrium and to eliminate any hyperplastic changes. Whether this will provide protection from endometrial carcinoma has not been clearly established. There are possible additional risks which may be associated with the inclusion of progestin in estrogen replacement regimens. (See PRECAUTIONS.) The choice of progestin and dosage may be important; product labeling should be reviewed to minimize possible adverse effects.

CONTRAINDICATIONS: Estrogens should not be used in women (or men) with any of the following conditions. 1. Known or suspected cancer of the breast except in appropriately selected patients being treated for metastatic disease. 2. Known or suspected estrogen-dependent neoplasia. 3. Known or suspected pregnancy (see Boxed Warning). 4. Undiagnosed abnormal genital bleeding. 5. Active thrombophlebitis or thromboembolic disorders. 6. A past history of thrombophlebitis, thrombosis, or thromboembolic disorders associated with previous estrogen use (except when used in treatment of breast or prostatic malignancy).

WARNINGS: Estrogens have been reported to increase the risk of endometrial carcinoma (see Boxed Warning). However, a recent large, case-controlled study indicated no increase in risk of breast cancer in postmenopausal women. A recent study has reported a 2- to 3-fold increase in the risk of surgically confirmed gallbladder disease in women receiving postmenopausal estrogens.

Adverse effects of oral contraceptives may be expected at the larger doses of estrogen used to treat prostatic or breast cancer or postpartum breast engorgement, it has been shown that there is an increased risk of thrombosis in men receiving estrogens for prostatic cancer and women for postpartum breast engorgement. Users of oral contraceptives have an increased risk of diseases, such as thrombophlebitis, pulmonary embolism, stroke, and myocardial infarction. Cases of retinal thrombosis, mesenteric thrombosis, and optic neuritis have been reported in oral contraceptive users. An increased risk of postsurgery thromboembolic complications has also been reported in users of oral contraceptives. If feasible, estrogen should be discontinued at least 4 weeks before surgery of the type associated with an increased risk of thromboembolism, or during periods of prolonged immobilization. Estrogens should not be used in persons with active thrombophlebitis, thromboembolic disorders, or in persons with a history of such disorders in association with estrogen use. They should be used with caution in patients with cerebral vascular or coronary artery disease. Large doses (5 mg conjugated estrogens per day), comparable to those used to treat cancer of the prostate and breast, have been shown to increase the risk of nonfatal myocardial infarction, pulmonary embolism, and thrombophlebitis. When doses of this size are used, any of the thromboembolic and thrombotic adverse effects should be considered a clear risk.

For atrophic vaginitis

PREMARIN® (conjugated estrogens)

Vaginal Cream

0.625 mg/g



Benign hepatic adenomas should be considered in estrogen users having abdominal pain and tenderness, abdominal mass, or hypovolemic shock. Hepatocellular carcinoma has been reported in women taking estrogen-containing oral contraceptives. Increased blood pressure may occur with use of estrogens in the menopause and blood pressure should be monitored with estrogen use. A worsening of glucose tolerance has been observed in patients on estrogen-containing oral contraceptives. For this reason, diabetic patients should be carefully observed. Estrogens may lead to severe hypercalcemia in patients with breast cancer and bone metastases.

PRECAUTIONS: Physical examination and a complete medical and family history should be taken prior to the initiation of any estrogen therapy with special reference to blood pressure, breasts, abdomen, and pelvic organs, and should include a Papanicolaou smear. As a general rule, estrogen should not be prescribed for longer than one year without another physical examination being performed. Conditions influenced by fluid retention, such as asthma, epilepsy, migraine, and cardiac or renal dysfunction, require careful observation. Certain patients may develop manifestations of excessive estrogenic stimulation, such as abnormal or excessive uterine bleeding, mastodynia, etc. Prolonged administration of unopposed estrogen therapy has been reported to increase the risk of endometrial hyperplasia in some patients. Oral contraceptives appear to be associated with an increased incidence of mental depression. Patients with a history of depression should be carefully observed. Pre-existing uterine leiomyomata may increase in size during estrogen use. The pathologist should be advised of estrogen therapy when relevant specimens are submitted. If jaundice develops in any patient receiving estrogen, the medication should be discontinued while the cause is investigated. Estrogens should be used with care in patients with impaired liver function, renal insufficiency, metabolic bone diseases associated with hypercalcemia, or in young patients in whom bone growth is not yet complete. If concomitant progestin therapy is used, potential risks may include adverse effects on carbohydrate and lipid metabolism.

The following changes may be expected with larger doses of estrogen:

- Increased sulfobromophthalein retention.
- Increased prothrombin and factors VII, VIII, IX, and X, decreased antithrombin 3, increased norepinephrine-induced platelet aggregability.
- Increased thyroid binding globulin (TBG) leading to increased circulating total thyroid hormone, as measured by PBI, T_4 by column, or T_4 by radioimmunoassay. Free T_4 resin uptake is decreased, reflecting the elevated TBG. Free T_4 concentration is unaltered.
- Impaired glucose tolerance.
- Decreased pregnandiol excretion.
- Reduced response to meprobamate test.
- Reduced serum folate concentration.
- Increased serum triglyceride and phospholipid concentration.

As a general principle, the administration of any drug to nursing mothers should be done only when clearly necessary since many drugs are excreted in human milk.

Long-term, continuous administration of natural and synthetic estrogens in certain animal species increases the frequency of carcinomas of the breast, cervix, vagina, and liver. However, in a recent, large case-controlled study of postmenopausal women there was no increase in risk of breast cancer with use of conjugated estrogens.

ADVERSE REACTIONS: The following have been reported with estrogenic therapy including oral contraceptives: breakthrough bleeding, spotting, change in menstrual flow, dysmenorrhea, premenstrual-like syndrome, amenorrhea during and after treatment, increase in size of uterine leiomyomata, vaginal candidiasis, change in cervical erosion and in degree of cervical secretion, cystitis-like syndrome; tenderness, enlargement, secretion (of breasts); nausea, vomiting, abdominal cramps, bloating, cholestatic jaundice, chloasma or melasma which may persist when drug is discontinued, erythema multiforme; erythema nodosum; hemorrhagic eruption; loss of scalp hair; hirsutism; sleepiness of corneal curvature; intolerance to contact lenses, headache, migraine, dizziness, mental depression, chorea, increase or decrease in weight, reduced carbohydrate tolerance, aggravation of porphyria, edema, changes in libido.

ACUTE OVERDOSEAGE: May cause nausea, and withdrawal bleeding may occur in females.

DOSEAGE AND ADMINISTRATION:

PREMARIN® Brand of conjugated estrogens tablets, USP

1 Given cyclically for short-term use only. For treatment of moderate-to-severe vasomotor symptoms, atrophic vaginitis, or kraurosis vulvae associated with the menopause (0.3 mg to 1.25 mg or more daily). The lowest dose that will control symptoms should be chosen and medication should be discontinued as promptly as possible. Administration should be cyclic (eg, three weeks on and one week off). Attempts to discontinue or taper medication should be made at three- to six-month intervals.

2 Given cyclically: Osteoporosis. Female castration. Osteoporosis—0.625 mg daily. Administration should be cyclic (eg, three weeks on and one week off). Female castration—1.25 mg daily, cyclically. Adjust upward or downward according to response of the patient. For maintenance, adjust dosage to lowest level that will provide effective control.

Patients with an intact uterus should be monitored for signs of endometrial cancer and appropriate measures taken to rule out malignancy in the event of persistent or recurring abnormal vaginal bleeding.

PREMARIN® Brand of conjugated estrogens Vaginal Cream

Given cyclically for short-term use only. For treatment of atrophic vaginitis or kraurosis vulvae.

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Physicians and Providers

Robert A. Gutman, M.D.

On the chart of a recently hospitalized patient was a note written by a medical doctor. It was titled: "(name of an insurance organization) primary provider." I was disturbed by this self description. Why should a graduate of a medical school and of a post-graduate program call himself a "provider" (defined by Webster, 1977 as "... one who provides")? Instinctively, I would have called him a physician ("... a person skilled in the art of healing ... exerting a salutary influence").

My first reaction was annoyance at the modern penchant to use jargon apparently designed to achieve a chummy relationship between the "provider" and the "consumer," another recent addition to our terminology. But language has an insidious ability to influence as well as reflect thought. At issue is the compelling possibility that this individual's concept of his role differs from mine; he may not be comfortable in the role of physician. He may really see himself largely in the new role of provider.

I acknowledge that the world needs providers and possibly even providers with medical degrees. These are the people who "provide" access to the medical care system; the people who "provide" sound sensible advice to the walking worried and the potentially ill, the employed enrollees in capitated medical plans whose managers confess that they can't afford sick people. These capitated plans call themselves "Health Maintenance Organizations" and often use the term "provider" when referring to their doctors. Presumably if they have picked the right providers, health really will be maintained, at least for the group at large, and costs will be reduced. Good providers should ultimately put physicians out of business.

In the meanwhile, it seems to me that employers and HMOs prefer to employ providers, while sick people prefer to have physicians. Maybe physicians care too much for sick people and cost society too much money. But which individual would feel that way when he or a member of his family is sick? Other rhetorical questions come to mind.

What becomes of the provider when his enrollee becomes a patient? I don't mean simply a pregnant enrollee or an enrollee with a fracture that will heal soon or a bad cut that can be sewn in one evening; but really truly sick with a chronic illness, with a problem that won't go away, with that gnawing, fearful, sinking feeling that life is changing and there is nobody to talk to, nobody to counsel, nobody willing to have spent the hours in preparation for these difficult moments. Having spent most of his time caring for the herd of well people and their concerns, and their need for prophylaxis, for immunization, for education, for dietary counseling, for advice on exercise, is he now prepared to be also a physician — prepared either emotionally or educationally? The medical school graduate who has been persuaded to see himself as a provider may not be able to assume the physician's mantle.

The dilemma, if not the solution, is becoming clearer. Society, when making decisions in an abstract frame, wants providers. People, acting as individuals, want physicians. Most of us see ourselves as physicians, although apparently not all of us do. I assumed that was the purpose of my education and, likely, you made the same assumption. But what of this perceived and possibly real need for providers? Can the physician assume the role of provider? Or do we need two different sorts of people graduating from medical schools?

Tradition may provide some answers. The pediatricians among us would find this discussion a little arcane. For years, they have successfully walked both paths, though they certainly never would have used the word provider to describe themselves. There are other groups and certainly many other individuals who take the same position in self assessment. Still, society's perception is that it needs to train new doctors to work for the insurance companies and for the employers in order to reduce the need for sickness care and replace it with "health care." Consequently, new money and departments for this training have arisen and grown over the last decade. This trend is no longer surprising, nor is it likely to change. But if the graduates no longer see themselves as primarily physicians, we have thrown out the baby as well. ■

From Suite 604, Central Medical Park, 2609 North Duke Street, Durham 27704.

The Names and Faces of Medicine

Francis A. Neelon, M.D.

One of the great revelations of my adult life (that is, the time long past medical school and residency and fellowship training) has been the realization that Medicine is, *in itself*, a proper subject for scholarly inquiry and study. Up until then, although no one told me so in direct terms, I had been surrounded by people who acted as though Medicine was what the holders of an M.D. degree did after they had tried and failed in a career of laboratory-based investigation. Physiology, pathology, biochemistry, molecular biology — these were the stuff of “academic medicine,” the bases of careers in understanding the human body gone askew and in the management of disease. The practice of medicine, the care of the patient, the life of the clinic were passed over; not directly slighted, but demeaned by indirection and the faintest of praise.

Despite this shortchanging of the worth of medical practice (possibly because of it), it has pleased me to slowly realize that medicine has something that none of those disciplines named above has: a genuine History. I suppose one could trace the origins of biochemistry to the putterings of the alchemists or describe how Claude Bernard began physiology. But any of those stories would be only a footnote on the pages of the history of medicine. Unfortunately many of us in medicine remain unclear about the rich traditions and unbroken lineage of clinical practice, dating as it does to the ancient Greeks and beyond. Nevertheless, all of us profit from a sense of our forebears and of what we have become from what we were. Neil Postman¹ quotes Cicero:

“To remain ignorant of things that happened before you were born is to remain a child.” for “what is a human life worth unless it is incorporated in to the lives of one’s ancestors and set in an historical context?” Then Postman adds a postscript of his own: “By ‘ancestors’ Cicero did not mean your mother’s aunt.” Amen.

When I was a student, my professors sometimes bemoaned the presence and prevalence of eponyms in clinical medicine. Now I come to sing the praises of eponyms; to glory in the histories of those individuals who donated their names to clinical signs and symptoms and phenomena. These are *our* ancestors and their “faces” are with us every day, traced on the bodies of our patients. With this issue of the *Journal*, we begin what we hope will be a regular section: *The Names and Faces of Medicine*. Dr. Lurie and I have captured the likeness of Baron Dupuytren as reflected in his “contracture” and proceeded to compile a biographical vignette about the celebrated gentleman (p. 452). We hope that you will like it and, even more, we hope to impel some of you to contribute something of your own.

If the spirit moves you, get a photo of the clinical “face” and tell us about the name that goes with it. Working together we should be able to compile a veritable gallery of portraits of the Truly Great — those who have gone before us and have “left the vivid air signed with their honour.” ■

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From the Department of Medicine, Duke University Medical Center, Durham 27710.

Should Homeopathy Be Reconsidered?

J.K. Crellin, M.D., Ph.D.

North Carolina is unwittingly the focus of international attention following a recent action of the state's Medical Board of Examiners. The Board suspended the medical licence of Asheville physician Dr. George Guess for practicing homeopathy. According to the decision, Dr. Guess contravened the North Carolina General Statute Section 90-14 (a) 6: failure to conform to the "standards of acceptable and prevailing practice in the state of North Carolina." That is because of Dr. Guess' use of homeopathic medicines "prepared from substances including, but not limited to, moss, the nightshade plant and various other animal, vegetable and mineral substances."

In this article I am not concerned with such specific points raised by the decision as whether or not the statute, when enacted, was intended to eliminate homeopathy, or if the decision protects the public; after all, non-medically qualified persons continue to practice homeopathy in the state. Rather, I shall consider various points raised in debates over homeopathic medicine, which, after nearly two hundred years, is little understood and widely viewed as quackery.

Undoubtedly, questions about homeopathy in North Carolina will soon emerge into the limelight in consequence of continuing Court action over the Medical Board's decision on Dr. Guess. Consideration may well be given to concerns that North Carolina is not allowing patients the same free choice as is now available in other states, and in other countries such as Britain, where the National Health Service pays for homeopathic care. There, as elsewhere, substantial numbers of physicians have, like Dr. Guess, recently added homeopathy to their regular medical armamentarium. There is much concern among physicians and health administrators over the efficacy of homeopathic medicine and over its standards in comparison to those of regular practice.

Efficacy and the Historical Perspective

Arguments favoring homeopathic medicine in recent refer-

enced medical and pharmaceutical journals generally rest on the existence of an historical "pedigree" and on evidence from double blind, clinical trials.

The support from history rests on the persistence of certain concepts once readily found in regular medicine and now current in homeopathy, for instance, that one disease can cure another. In addition, such historical figures as Hippocrates and Paracelsus are viewed as forerunners of homeopathy because of their promotion of this and other concepts. Yet, in the absence of detail and evidence that the concepts are really common to both homeopathic and regular medical practice, historical "pedigrees" convince few skeptics.

Discussions on the founder of homeopathy, Samuel Hahnemann (1753-1843), also fail to influence skeptics, partly because few accounts make clear his firm grounding in eighteenth-century medical ideas from which he developed basic homeopathic concepts. One such concept is his "law of similars," which asserts that small doses of a drug are therapeutically valuable for those symptoms produced by toxic doses of the same substance. Hahnemann's demand for first-hand observations of disease and treatment, his critical assessments of the "healing power of nature," and his sympathy with concepts of vitalism were all concerns conspicuous among his contemporaries. Likewise, his criticism of existing regular medical practices found much agreement among regular physicians, even though, as homeopathy became established and aroused opposition, this criticism was seemingly more self-serving than objective. All this suggests that to dismiss Hahnemann as a quack is an over-simplification. Although his empiricism was further along the spectrum toward radical skepticism than were the philosophies of most of his contemporaries, it rested on acceptable scientific methods. Critics of homeopathy can gather much understanding of its aims and ideals from Hahnemann's life and aspirations.

Many who see Hahnemann as a practitioner of his time still dismiss present-day homeopathic practice. It is now viewed as anachronistic and out of keeping with today's scientific medicine. Hahnemann's own criticism of those who concoct "so-called systems" out of "vagaries and hypotheses" is now applied to "outdated" notions of vi-

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talism employed by homeopaths to rationalize the use of infinitesimally small doses of drugs. Those who consider homeopathy from the "cultural norm" of modern science generally find, more than anything else, the impossibility of accepting the idea that homeopathic medicines, particularly in dilutions greater than 10^{-24} , can be effective. After all, according to Avagadro's Law, the number of molecules in one gram molecule of substance is 6.023×10^{23} , and hence there are no molecules left in many homeopathic medicines. The view that drugs leave "imprinted" information, like a template, in the form of energy on water molecules is rarely accepted outside homeopathy, despite interest in rationalizations of this based on physical chemistry.

Even apart from the conceptual difficulty over homeopathic dilutions of drugs, numerous physicians express hostility toward the botanical and animal products employed. They see them as "obsolete." Other observers view this as overly critical. Although one might find fault with the fact that homeopathic practitioners do not employ conventional pharmacological classifications or regular therapeutic practices, one should appreciate that innumerable plant remedies were central to regular medicine until just about fifty years ago or so. Furthermore, many such remedies disappeared not because they were considered ineffective, but because they were replaced by more "modern" chemical remedies. In fact, our knowledge of the precise action of most herbs is limited, and using them to characterize homeopathy as archaic — irrespective of its efficacy — is open to charges of inappropriate or illogical comparisons. In a similar vein, should homeopathy be dismissed on the grounds that even if it was useful when regular medicine was more "primitive," it is now valueless? This either ignores, or dismisses as anecdotal, countless documented cures and numerous assessments that "clearly it works: millions of people the world over are treated homeopathically every day." Is there validity to the clinical data, independent of the vitalist theory that upsets so many physicians? Homeopathic practitioners who have long answered this positively on the basis of clinical experience now appreciate that more rigorous evidence is necessary if homeopathy is to gain wider acceptance. They recognize not only the modern reliance of therapy on double blind, clinical trials, but also the tendency to dismiss any therapeutic effect that does not have a plausible pharmacological explanation as "mere placebo."

Clinical Trials

Double blind, clinical trials of homeopathic medicines have been published recently in regular rather than homeopathic medical journals. Three, in the *Lancet* and the *British Journal of Clinical Pharmacology*, have aroused much interest, though more in terms of questions raised than definite conclusions provided. A 1980 paper argued that homeopathic treatment significantly improved rheumatoid arthritis compared with placebo; a 1983 trial of *Rhus tox* of 6x dilution

showed no significant difference compared with placebo in the management of osteoarthritis, and a 1986 study on treating allergies concluded that homeopathic preparations of pollen were significantly better than a placebo. Responses by the medical profession to these papers — and to trials published in German regular medical journals — have raised many questions over experimental methodology. The 1983 paper on treating osteoarthritis has been widely used to criticise homeopathy without reference to the authors' dismay over "overreaction on all sides to its findings." Generalizations, they say, cannot be extended to cover homeopathic medicine in general: "the most important lesson (from the study) is that a double blind crossover trial of short duration using a single potency of a remedy for local factors is unlikely to be a fruitful method of seriously studying homeopathic medicine."

Undoubtedly, many studies are needed to determine the precise roles of specific drugs and of placebo action within homeopathic treatment. There is little doubt that placebo action is at least as powerful, if not more, in homeopathic as in regular medicine, especially since homeopathic practitioners provide more practitioner-patient contact time. Additionally, the "alternative" status of homeopathy encourages among many patients the sort of conviction, faith really, that promotes placebo responses.

That various features of homeopathy encourage placebo action arouses antipathy among physicians who consider deliberate encouragement of placebo response to be unethical. Others, however, perhaps more conscious of the prominent role of placebo action within regular medicine, disagree on the basis that a favorable outcome for a patient justifies the means. Nevertheless, many who take this open-ended position still recognize that maintenance of appropriate standards of care must be constant.

Standards of Care

Whether or not physicians maintain an open mind toward homeopathy — at least until more experimental studies have been undertaken — may depend on the existence of standards uniformly applied and comparable to the standards of regular medicine. Any discussion about standards (quality) of medical care raises diverse opinions about appropriate methods of assessment, and certainly with homeopathy it is important to seek an evenhandedness in assessment.

Standards are often applied in a double-edged manner to all forms of alternative medicine, more often than to regular practice. If one assessment — the measurement of the outcome of illness — is satisfactory, then an alternative approach — assessment of the process by which care is given — is commonly found wanting; or vice versa. Additionally, while the innumerable, well-documented variations within regular medical care (often called practice style factors) are usually embraced, even if frowned upon, within "acceptable standards," the same latitude is not given to alternative

practices. One reason is that diverse practice style factors are justified as an art if not as a science, a luxury not afforded to homeopathy. If there is a lack of consensus over data or its interpretations, regular physicians respond — perhaps even with an extravagant use of antibiotics — according to the “art of medicine.”

Even apart from such inconsistencies, considerations of standards in homeopathy are complicated by the diversity of practitioners. These include those with regular medical qualifications, some who enter the field through core training in naturopathy or anthroposophy, and others with little formal training. In fact, assessments of homeopathy have long been frustrated by variable practices. Nowadays substantial differences exist between homeopathy in America and in France, where more aggressive therapy is practiced. While some consider that variation in homeopathic practice reflects openness and self-assessment and is a strength, variation has undermined the search for a consistent body of empirical data. Organizations such as the American Institute of Homeopathy encourage standards with respect to practice procedures, but rarely in the context of relationships between homeopathy and regular medical practices, or risks and benefits for patients.

Yet even without clear guidelines, risk-benefit assessment is routine among homeopathic practitioners with regular medical qualifications. They examine closely the merits of offering either homeopathic or regular medical care. (“Safe drugs may be dangerous drugs if they are ineffective in treating serious disease.”) A particular concern is sequelae from Group A β -hemolytic streptococcal pharyngitis or sore throat. Although the availability of rapid tests for streptococcal antigen, albeit not foolproof, is simplifying management, homeopathic physicians are always conscious of risks of withholding antibiotics. Decisions on whether antibiotics are to be prescribed are based on evaluations of past and present medical history, physical examination (recognizing that many streptococcal throat infections are asymptomatic or very mild), and laboratory tests. All the data are reviewed in the light of such factors as the recent marked decline in the incidence of rheumatic fever among certain socioeconomic levels, the infrequency of streptococcal infections in children under the age of three, at least in the United States, and that the risk of glomerulonephritis from not treating a sore throat is only slightly higher than when antibiotics are given. Decisions also take into account the patient’s commitment to homeopathic treatment and the patient’s fear of antibiotics because of side effects not found with homeopathic medicines. In fact, a positive feature in deciding on homeopathic or regular medical treatment is that patients are actively involved, which can be particularly valuable for the therapeutic relationship. A homeopathic physician, too, commonly alters treatment if a condition worsens, and may then prescribe antibiotics with the recognition that brief delays in, say, managing a streptococcal pharyngitis or sore throat do not put the patient at extra risk from complications.

Assessing the effectiveness of homeopathy by measurement of outcome presents as many difficulties as assessing procedures, in part because of the lack of precise statistics from homeopathic physicians. Further, it is clear that there are self-imposed limits among many homeopaths, such as a reluctance, if not refusal, to treat cancer and acute medical conditions.

Should We Reconsider Homeopathy?

Should we reconsider homeopathy? Many physicians answer this affirmatively on the grounds that new insights into neuroregulatory mechanisms (peptides, endorphins) may provide a more acceptable theoretical framework than vitalism; others are awaiting the outcome of more double blind, clinical trials, and some — probably few — believe that since homeopathy is a safe form of care (no side-effects), it provides a service for patients who obtain no relief from regular practice. If the gist of this article encourages a sense that homeopathy merits consideration by physicians, it should be stressed that serious concerns exist, even within the ranks of homeopathy.

One concern is that while those who critically examine and combine regular and homeopathic medicine may be in a position, like their forerunners in the nineteenth century, to encourage a widespread critical reevaluation of some fashions in regular medical therapy, other homeopathic practitioners with limited training may be creating unnecessary risks for patients. Without first-hand experience with the approaches of regular medicine, difficulties are considerable in evaluating the risks and benefits of various therapeutic approaches.

Another concern is the quality of homeopathic medicines. An essential feature in preparing these is enhancing or “potentising” the effects of very dilute solutions, in which case impurities may be similarly “potentised” and interfere with efficacy. Indeed, contamination is a very real problem, one recognized by homeopathic practitioners but only partially dealt with. Standards are established, but they are not always followed, and as a result some companies have better reputations than others for the quality of their products. It is unclear how much the variable quality of medicines — let alone the deliberate fraudulence of some — hinders accurate assessment of homeopathic practices. Such issues are especially relevant to homeopathic medicines employed for self-treatment; indeed many question whether or not self-treatment is compatible with the philosophy of and approach to prescribing homeopathic remedies for a symptom complex. On the other hand, homeopaths see much self-treatment as a form of first-aid and stress that if there is not rapid improvement professional advice is needed.

Reconsidering homeopathy can take many directions. For instance, does it offer quantifiable therapeutic effects? Does it consider adequately the risks and benefits? How much of

a social and medical role does it have as an alternative or a complement to regular medical practices?

It is a trite truism to say that there are pros and cons to each issue; nevertheless, ideally, the medical profession should appreciate these, if only because homeopathy is pursued and sampled by many patients and is perhaps regaining the social force it once had. Physicians may feel that in the past the medical establishment controlled homeopathy with concerted policies, and that it can do so again. Maybe, but careful consideration has to be given to the changed circumstances of medicine and the public attitudes toward it.

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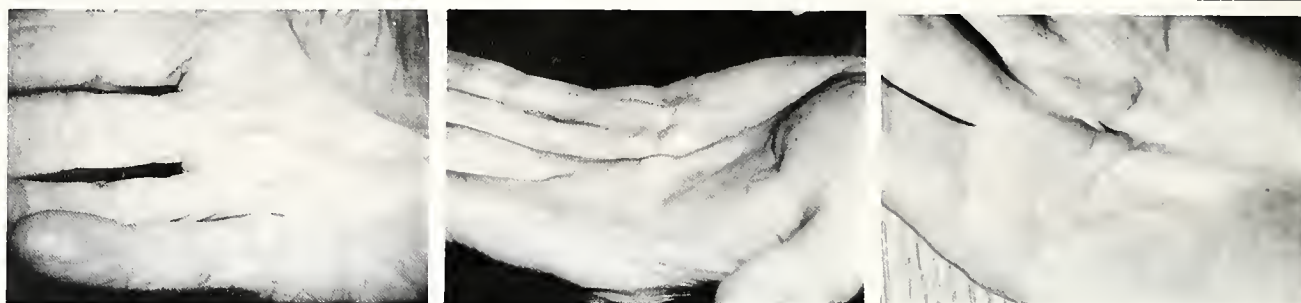
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Baron Guillaume Dupuytren was the pre-eminent surgeon of his day. He is remembered to us in the name of the disease he described in 1831, but his life and times were of a rich texture and make an interesting study. He was born a subject of the King in 1777 and died in 1835, having lived through two revolutions, a republic, an empire, and two royal restorations, and having risen to the pinnacle of the surgical profession.

The eighth of nine children, as a young man Dupuytren wanted to join the army, but his father (a lawyer) insisted that he become a surgeon. He enrolled at Limoges and transferred to Paris where he brought limitless energy to his studies. Although he had become ill on first exposure to the dissecting room, he soon developed a passionate love for anatomy. In 1802 Dupuytren was named second surgeon at the Hotel Dieu, largest of the French hospitals, and, in 1808, joint chief-surgeon under Pelletan, a tenure marked by conflict. The tension created by new advances which Dupuytren embraced and old traditions to which Pelletan clung was exacerbated by their ill-matched personalities. Pelletan was staid and unhurried, even indolent; Dupuytren ambitious, energetic, and infinitely self-confident. Pelletan insisted on being present at Dupuytren's operations and forbade him to try new techniques; Dupuytren, in turn, exercised his right to attend Pelletan's ward rounds where our Baron often intimidated his chief with silence or superior knowledge.

The tension lasted until Pelletan's departure in 1815, whereupon Dupuytren became chief surgeon. The "Age of Dupuytren" had begun, and would continue until his death in 1835. His lectures and extensive practice made him the leading surgeon in France, if not all Europe. His list of surgical firsts, before the discovery of ether anesthesia, in-

cludes: excision of the lower jaw (1812); successful treatment of aneurysm by compression (1818); treatment of wry neck by sternocleidomastoid section (1822); and successful ligation of the external iliac (1815) and subclavian arteries (1819). His most enduring contributions are in surgical pathology, including descriptions of Dupuytren's fracture of the distal fibula (1819) and Dupuytren's contracture, for which he devised an operation (1832). As his fame grew, so too did his practice and his fortune. He served as surgeon to Louis XVIII, who made him a baron, to Charles X, successor to Louis and to the Baron James de Rothschild. From his humble beginnings Dupuytren amassed a fortune of four million francs.

Dupuytren ruled the Hotel Dieu with an iron hand. Customarily gentle with his patients, he was demanding and punitive with his students, who spoke only when spoken to. Any opposition or interference evoked an explosion of anger from which no one was safe. A poor peasant woman once incautiously entered the operating room where he was preparing to amputate her child's leg. Dupuytren drove her from the room with a "coup de pied dans le derriere."

Dupuytren's health began to fail in 1833 when, during a lecture, he felt his right cheek droop and found that he could not completely lower his right eyelid. The astute diagnostician did not mistake his own evolving stroke, but the proud chief-surgeon could not let it interfere with his duties. Resting his cheek on his hand so that no one else would notice, he finished the lecture, but he did not recover his health.

In January 1835, he developed an empyema. He considered operation but decided that death was his destiny. He preferred God's hand to the surgeon's, and died twelve days after his diagnosis. ■

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Run for the Roses

KENNETH J. WELCH

A couple of years ago as I watched the graduating students receive their medical degrees during the convocation ceremony of our medical school, I began to think about the Kentucky Derby which was to be run the next day. It occurred to me that many parallels could be drawn between that magical race and the milieu of medical education.

My mind raced with the students marching across the stage accepting their degrees as I tried to figure out which ones might be thought of as favorites and who the long shots would be. No matter! No Woody Stephens derby entry has ever been more thoroughly groomed than students entering medicine today. Certainly, the families of these new MDs were just as proud as the owners of each Derby entry, regardless of the odds at race time.

Indeed, as I considered the experiences of these individuals during the past four years, the track at Churchill Downs seemed to symbolize the modern-day medical curriculum with each of its four turns representing one year of medical school. Like the basic science years of medical school, the first two turns at Churchill Downs select in favor of raw speed and competitiveness. However, as the field approaches the third and fourth turns, raw speed and competitiveness give

way to stamina and "heart," an inborn trait unique to truly great race horses. Similarly, as medical students approach the clinical years, compulsivity and competitiveness yield to sincerity and clinical reasoning which, like "heart," are largely dependent upon inherent features.

As the field exits turn four and heads for home, the jockeys must turn to the whip in the final test of breeding and preparedness. It is not until this point in the race that the riders learn their mounts' full potential. Likewise, following match day the senior students are forced to reach for inner strength and test their commitment for their chosen careers in the intervening months before graduation and the beginning of residency.

And so went convocation . . .

The next day as the pre-race ceremonies got under way with all their color, my mind wandered back to the day before, when I had compared medical school to the Kentucky Derby. I could not help wondering what pseudonyms medical students might assume when I contemplated such names as "Spend A Buck," "I Am The Game," "Chief's Crown," and "Eternal Prince" in that Derby. Quickly, "Mack The Knife" came to mind, and "Onchoman," "Eye Spy," "Rheumatolstoy" and "Bold Delivery." As race time approached, I imagined how the race would be called with entries like these. I allowed it might go something like this:



From School of Medicine, East Carolina University, Greenville 27858. Illustration by Ernest A. Craige, M.D.

The field is set . . . and they're off! . . . It's Bold Delivery on the inside with Eye Spy, Mack The Knife, and Rheumatolstoy just back with Onchoman bringing up the rear. . . . Into turn one it's Bold Delivery out in front with Eye Spy back by two lengths followed by the rest of the field. . . . Out of one and into turn two Mack The Knife is making a move on the outside, with Bold Delivery still setting the pace. . . . Onto the back stretch Bold Delivery and Mack The Knife are neck and neck with Eye Spy closing fast followed by Rheumatolstoy and Onchoman. . . . Entering turn three it's Eye Spy with the lead by one followed by Mack The Knife, Rheu-

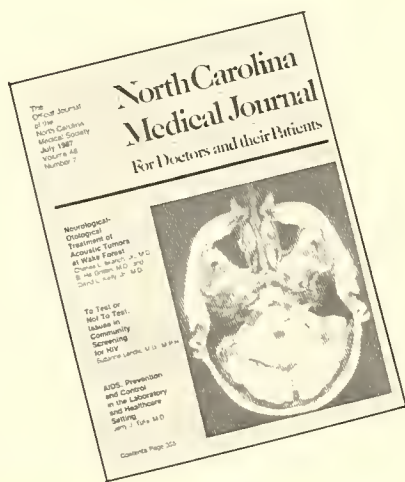
matolstoy, Bold Delivery, and Onchoman. . . . Through three quarters it's Eye Spy, Rheumatolstoy, Mack The Knife, Bold Delivery, and Onchoman. . . .

Rounding turn four Rheumatolstoy's gaining ground on Eye Spy with Onchoman beginning to make his move. . . . Heading for home it's Rheumatolstoy out in front by a half with Onchoman coming hard. . . . Bold Delivery and Mack The Knife are off the pace. . . .

Nearing the wire it's Rheumatolstoy in the lead with Onchoman closing fast . . . but it's Rheumatolstoy at the wire the winner by a nose! ■

North Carolina Medical Journal

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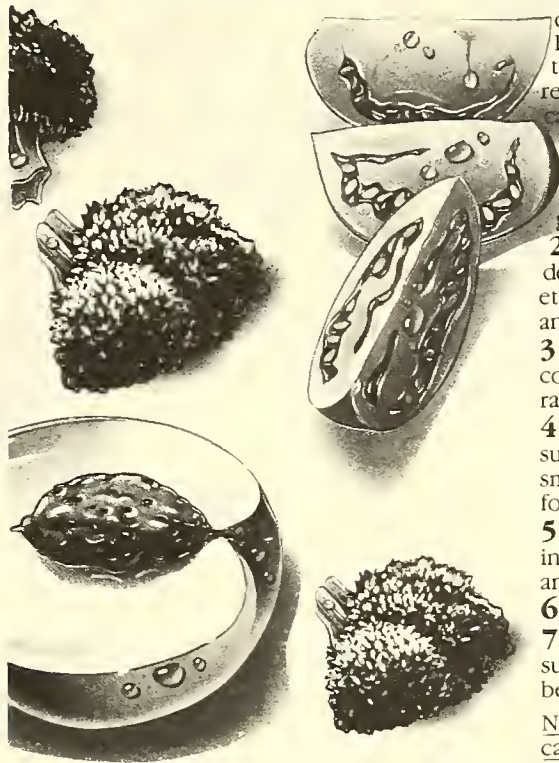
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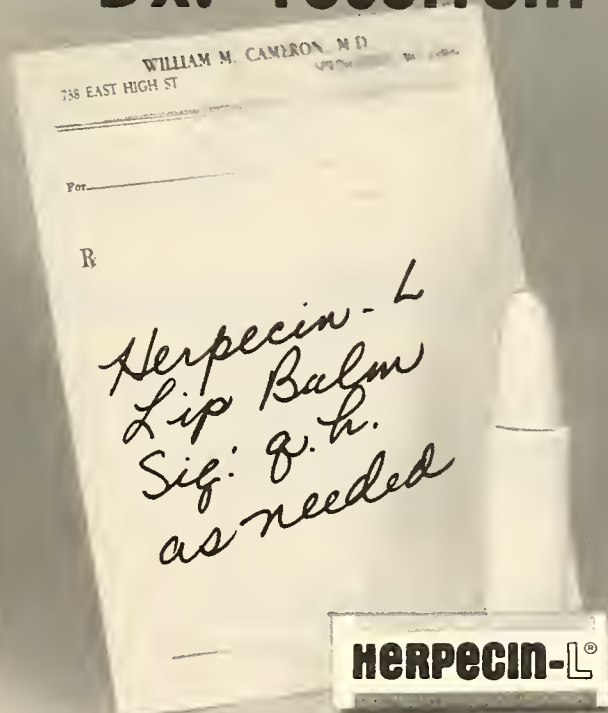
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5. Cut down on total fat intake from animal sources and fats and oils.
6. Avoid obesity.
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The Open Door Medical Clinic: A Community Response to the Medically Indigent

Don Lucey, M.D., and Sheila Parker, Ph.D.

Poverty often robs its victims of their health. Poor health guarantees the continuation of poverty for the medically indigent. The poor and the near-poor certainly cannot afford to pay the high costs of health care.

According to the Center for Health Policy Research and Education at Duke University, 1,900,000 North Carolina residents are medically indigent. Of the poor in our state, 42% have no health insurance coverage of any kind. Government programs have not been adequate in meeting the needs of the medically indigent.

Opening the Door

What are the alternatives? This was the question asked by some members of the Wake County Medical Society. It was clear that there were many individuals in Wake County who were not being served by the existing health care system because they had no health insurance, no Medicaid coverage, and no funds to pay for health care. Concern about this situation led to the organization of a planning committee comprised of eight health care professionals from the Raleigh community. The committee planned a free health clinic that would provide medical and dental care to those who could not pay. Knowing that accessibility was an important factor, the committee found a central downtown site for the clinic in the basement of the Raleigh Rescue Mission's Open Door Chapel at \$1 per year rent.

Next, the committee decided to find a private non-profit community-based organization that would be willing to adopt and support the free clinic as an ongoing project. The Urban Ministry was the best possible choice because of its commitment to care for the poor; its growing support from the ecumenical community, individuals, and local governments; and its great sources of volunteers. In 1985 the committee turned over the administrative reins of the Open Door Clinic to the Urban Ministry Center.

The committee now functions as the clinic's advisory council, providing technical assistance. Dr. Don Lucey, who chaired the planning committee, now serves as the clinic's medical director without pay. The committee worked to make the medical and the general communities aware of the free clinic concept, recruited volunteers to staff the clinic, and solicited contributions of money, medications and equipment. The response has continued to be very generous and supportive.

Two years ago the Urban Ministry Center hired Dr. Sheila Parker as the paid clinic director, who is responsible for all administrative aspects of the clinic. Dr. Parker coordinates the activities of the volunteer staff, who now number 30 physicians, 53 nurses, 11 laboratory technicians, 18 pharmacists, 25 dentists, and 27 other volunteers who perform various administrative tasks. These volunteers rotate their service in the clinic once every one or two months.

The Open Door Medical Clinic opened for service October 15, 1985. Social service agencies and churches were informed of the opening and encouraged to refer clients meeting the criteria for free health care. The dental services were added in December 1986. The clinic offers a pleasant and informal setting for both the clients and the volunteers. It is open twice weekly from 5:30 p.m. to 9:30 p.m., Tuesday and Thursday. These clinic hours are important, because it makes the clinic's services available to those who must work during the day. The clinic staff on a given evening consists of two physicians, one dentist, three nurses, one lab technician, one pharmacist, and three administrative workers. On Tuesday evenings, approximately 30 patients receive medical or dental care. Thursday evenings are reserved for women's health care other than prenatal care.

In the interest of providing quality care for the patient, several medical specialists have volunteered to provide free care in their offices for clinic patients needing specialty care. The patient whose health needs cannot be met in the clinic is referred to one of these specialists or to the Outpatient Clinics of the Wake Medical Center.

The clinic's laboratory and pharmacy are stocked by contributions from area physicians, pharmaceutical companies,

From the Open Door Medical Clinic, 711-A North Person St., P.O. Box 11302, Raleigh 27604.

and medical supply companies. When patients are in need of medications that are not available in the clinic's pharmacy, the Urban Ministry Center has special funds for their purchase.

Individuals requesting care at the Open Door Medical Clinic are screened for financial eligibility based on income guidelines and the lack of medical insurance coverage. If the client is eligible, the nursing staff assesses the patient's needs and records the medical history. The patient is then seen by one of the physicians on duty, for diagnosis and treatment. A laboratory technician is available to perform routine tests. A local hospital has agreed to analyze any tests that cannot be performed at the clinic without charge to the clinic or the patient. The physicians and dentists consult with the pharmacists about available medications to meet the client's needs. Patients are then instructed about appropriate care, scheduled for follow-up care, or referred to the appropriate health care professional or facility.

It is important to note that a local county medical organization probably would not be able to operate this type of free clinic because of the need for administrative staff, vol-

unteer resources, and the organizational network that reaches throughout the community. The religious community in any town has the ingredients for this type of effort. The local medical society would make the greatest impact by encouraging its physicians to volunteer their services and by prompting donations of pharmaceutical supplies and equipment. The local medical society might also develop a system for receiving medications and medical supplies from area physicians' offices and delivering these to the clinic.

The Indigent Health Task Force of the North Carolina Medical Society has attempted to review various approaches to improving access to quality health care for all citizens. One of many recommendations is the expansion of Medicaid, the current status of which seriously limits the numbers of poor individuals who are eligible for assistance.

The Open Door Medical Clinic is a compelling illustration of what one community can do to meet the needs of the medically indigent. It demonstrates how various existing groups, concerned individuals, and facilities can work together to provide free medical and dental care. ■

MICRO OR MINI?

Why Not Ask the Professional With Both?

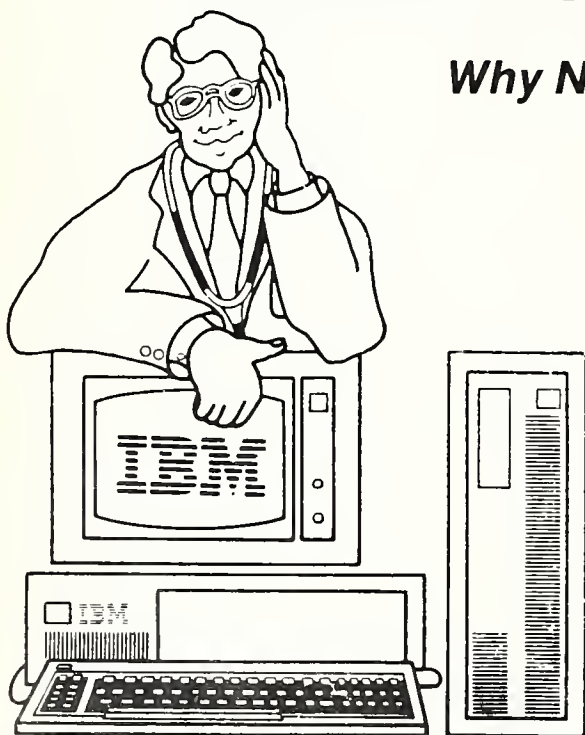
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Performance-Based Credentialing

What Does This New Buzzword Really Mean?

Richard E. Thompson, M.D., and David R. Thompson

In general, "credential" means "something that gives title to credit or confidence; testimonials showing that a person is entitled to credit or has a right to exercise official power."

However, to doctors working in hospitals, "credentialing" has taken on a very special meaning:

Hospital credentials = Hospital medical staff membership and/or specific clinical privileges requested by an applicant, recommended through specified medical staff mechanisms, awarded, denied, restricted/reduced, updated/revised and/or revoked by the hospital Board, and renewable every two years.

Regardless of any other "credentials" held by a practitioner, only the hospital's Board determines what a practitioner is allowed to do in that hospital. *Everyone* who does *anything* to patients in or under the auspices of the hospital or medical center *must* have a "ticket" from the *Board*.

This state of affairs has been much misunderstood. There are still physicians who feel that hospital membership and privileges are granted in one of the following ways:

as a result of discussion and vote at a general medical staff meeting — a definite "no-no" in today's antitrust and conspiracy-conscious era;

by award of the Credentials Committee of the medical staff. No. The Credentials Committee recommends to the Medical Executive Committee which recommends to the Board;

by award of the clinical department chairman. No. The clinical department chairman's recommendation to the Credentials Committee as part of preliminary work in processing the application is critical, but clinical departments do not grant membership and privileges.

This is not a new concept. In the statement which really created "the medical staff organization" in 1917 (one-page standard for hospitals of the American College of Surgeons),

From Thompson, Mohr & Associates, Inc., 312 Florida Ave., N. #344, Tarpon Springs, FL 33589. Dr. Thompson spoke at the North Carolina Hospital Association seminar and a number of the persons present requested that the NCMJ publish his paper.

it is established that medical staff rules and regulations must be subject to Board approval.

Therefore, the real question is not "Does the medical staff grant membership and privileges or does the Board?" That question was answered long ago. It is the Board. The real question is "Who is the Board and how is it acting?" One of the major challenges of the next few years is to solve the inherent dilemma of needing true peer recommendations and judgments on credentials qualifications, yet avoiding abuse by true peers who are in competition with the applicant. The solution is simple to describe, but not easy to implement: objective hospital-conscious, patient-conscious, and community-conscious physicians participating in good faith as hospital Board members.

For now, "credentials" may be the "war department" of your hospital/medical staff relationship. This is because hospital credentialing represents a control over and above controls in other settings, such as a physician's office practice. This control is often resented by physicians and is often viewed with suspicion by physicians and others who are subject to hospital "credentialing."

The Patient-Protective Role of "Credentialing"

It must be remembered that "credentialing" was conceived as and continues to be a patient-protective activity, not a means of economic control. One must not deviate from this patient-protective function by making "credentials" decisions about applicants that can even be perceived as "economically contaminated": a true peer in a position of authority, using the credentials mechanism to take advantage of a competitor.

Antitrust and Credentialing

Readers should become thoroughly familiar with the provisions of the Health Care Quality Improvement Act of 1986. In brief (check this interpretation with an attorney):

The Act requires a national data base containing in-

formation about physicians who have lost clinical privileges or state licenses to practice. Once this information base is available, hospitals will be expected to refer to it prior to awarding membership and privileges to physician applicants.

The most immediate provision of the law is some relief from antitrust complaints by an aggrieved denied applicant. Primarily related to credentialing actions based on peer review, the Act can be summarized as requiring good faith effort, action taken in the interests of patient care and based on confirmed information about practice problems, and compulsive attention to "due process."

The Joint Commission's "Agenda for Change"

Another pressure on medical staff functions, including the function of "credentialing," is from the Joint Commission on Accreditation of Hospitals, whose thick accreditation manual is the great-great-grandchild of the one-page standard for hospitals of the American College of Surgeons. Effective performance-based credentialing is now a major requirement of the Joint Commission on Accreditation of Hospitals medical staff standard.

Public Watchdog Groups

Many newspapers, news magazines and TV news broadcasts have recently examined the public's dissatisfaction with the dependability and quality of services provided by "service industries," including airlines, hotels, hard goods industries such as the automobile industry, and *hospitals and physicians*.

Because of "the order sheet" (the physician "orders" the patient's care), hospital medical staffs will be in the thick of efforts to respond to these public demands for accountability, defined as data-based, objective evidence confirming consistent, effective and careful performance by practitioners in hospitals.

Just Plain Old Patient Care

Pretend your family member is the patient. If you wanted to evaluate and know the current competence (not just the qualifications, as represented in diplomas and certificates) of the physician who just hospitalized your family member, what would you depend on?

At the present time, no credential held by the physician reflects:

- the exact nature of the physician's practice, and
- the physician's current competence

other than the physician's clinical privileges at the hospital, which are assumed to be:

- based, initially, on careful evaluation of qualifications and current competence, and
- reappraised objectively every two years.

The "Credentialing" Process

Hospital "credentialing" has three major parts:

- 1 Initial granting of medical staff membership
- 2 Initial granting of clinical privileges
- 3 Renewal, revision and/or updating of clinical privileges:
 - routinely, every two years
 - by "corrective adjustments," which may be clinical department-level functions, and/or
 - corrective action — Medical Executive Committee and Board function.

Initial Membership

Granting of initial membership on the staff has nothing to do with performance. It is based on general information about training, past experience, current state licensure, Drug Enforcement Agency (DEA) registration, liability insurance coverage, references, an interview, etc.

For a new staff member, assignment to a medical staff category and assignment to a clinical department also have nothing to do with performance. They are based primarily on:

- the individual's clinical specialty
- the individual's anticipated use of this hospital.

Initial Clinical Privileges

This is the first of two applications of "performance-based credentialing."

Once upon a time. Up until twenty years ago, there was no such thing as delineating specific clinical privileges. A physician could pretty much treat whatever came his or her way, no questions asked. Active staff status was something like "tenure." Active staff status somehow implied more clinical privileges than courtesy staff status, even though there was no performance-based logic to that use of "categories."

Delineation of clinical privileges based on board certification. Until recently, clinical privileges were distributed according to board certification. That is, if a practitioner possessed a certain specialty certificate, then he or she was deemed (forever) to be qualified in all aspects of that clinical specialty. Conversely, if an individual did *not* hold a spe-

cialty certificate of a certain kind, then he or she was automatically deemed *unqualified* to treat certain medical conditions and/or perform certain surgical or invasive diagnostic procedures.

Initial credentialing based on performance/training: subdividing the board certified. The new approach — performance-based credentialing — can be best summarized as “pretend you’re the patient” credentialing.

Example 1: You have an orthopaedic certificate, but if you wish to do total hip joint replacement, you must provide additional evidence of training and/or performance in this particular procedure.

Example 2: You are a board certified pediatrician. But if you wish to do intensive newborn care, you must provide additional evidence of training and/or performance in this clinical area.

Example 3: You are board certified in the specialty once known as “ENT,” now named otolaryngology/head and neck surgery. But, if you are recently trained, you may be qualified for the privilege of thyroidectomy and treating laryngeal cancer. But if your training and experience do not include these conditions and procedures, then you *cannot* argue that you should have this privilege just because another doctor with the same specialty certificate does.

Example 4: You are a family physician. You have always been really interested in reading EKGs. You request this

privilege because another family physician in your small hospital has the privilege to read EKGs, so you figure you should have it, too.

Wrong.

The other family physician has had a six-month preceptorship with a cardiologist for the express purpose of being competent in reading EKGs. You have not. You cannot expect to have this clinical privilege just because the hospital (defined in credentialing as medical staff department/Credentials Committee/Medical Executive Committee *plus* Board *plus* hospital executive/management staff) gave that privilege to the other family physician.

Consistency in credentialing does *not* mean “we let this doctor do it, so I guess we have to let that doctor do it.” Consistency in credentialing means that we have a clear rule, and we followed it. The other doctor met it and you did not. that is why that doctor has the privilege and you do not.

For an example of how to establish such a performance-based rule for granting initial clinical privileges, see figure 1.

Renewal of Clinical Privileges: Information-Based Reappointment

The youngest and, so far, least developed area of “credentialing” is “information-based reappointment.” Information-based reappointment now has three parts:

- 1 Updating of general information. Examples: Reconfirmation of state license to practice, DEA registration, continued malpractice liability coverage, meeting requirements for attendance at medical staff meetings (if active staff), etc.
- 2 “Volume of hospital practice.” Simple figures indicating numbers of admissions, numbers of procedures performed, numbers of cases treated, numbers of consultations asked for/provided, etc.
- 3 Performance summary. The volume of hospital practice plus performance summary data together might be referred to by some as a “practice profile.” This can be a simple, one-page summary on clinical performance, based on ongoing review activities (see figures 2 and 3, next page).

Five Keys to Effective Credentialing*

- 1 *Emphasize joint efforts.* The medical staff, board and administration must work together to respond to today’s critical “credentialing” dilemmas.

Procedure/Condition _____

Statement prepared by: _____

DEPARTMENT	NAME
DEPARTMENT	NAME
DEPARTMENT	NAME

Statement approved by: _____

MEDICAL EXECUTIVE COMMITTEE, CHIEF OF STAFF	GOVERNING BODY, CHAIRMAN
--	--------------------------

The following evidence of qualifications and performance are or are not acceptable, as indicated.

1. Completed an approved residency in the broad specialty(ies) within which the procedure or case is ordinarily expected to be performed. ☐ YES ☐ NO

Specifications: _____ ☐ YES ☐ NO

But more than _____ years ago. ☐ INSUFFICIENT ALONE

OR 2. Preceptorship (applicant was primary surgeon or attending, under supervision) ☐ YES ☐ NO

Specific qualifications of the preceptor _____ ☐ YES ☐ NO

Only with written confirmation of competence from the preceptor. ☐ YES ☐ NO

OR 3. Attended a CME program and obtained a certificate of attendance. ☐ YES ☐ NO

OR 4. Confirmation, in writing of _____ procedures/medical cases within the past _____ months/years. ☐ YES ☐ NO

AND Letter indicating satisfactory performance. ☐ YES ☐ NO

OR 5. Letter from chairman of clinical department of university residency program stating that the applicant is qualified in the clinical area(s) requested. ☐ YES ☐ NO

But if more than _____ years ago. ☐ INSUFFICIENT ALONE

OR 6. Other _____

Figure 1. “Required Level of Qualifications” Statement

*Reprinted with permission from *Answers to 20 New Tough Questions About Medical Staff Bylaws, Credentials and Peer Review* by Richard E. Thompson, M.D., and Eric W. Springer. Thompson, Mohr & Associates, Inc., 1987.

SUBJECT OF REVIEW
General _____
Specific _____

STUDY SAMPLE
Physician _____ PI Records _____
(Code Nos.) _____

Total Questioned _____
(Continue on additional pages) 4

Physician (Code) _____ PI Record No. (Code) _____

Reviewers' Evaluation

	1*	2*	3*	4*
1. Screening indicator not met, but clinical practice expected and acceptable. Reviewer comfortable.				
2. Questioned practice not necessarily routine, but not totally unexpected. Reviewer still comfortable.				
3. Questioned practice unexpected. Reviewer uncomfortable.				
4. Questioned practice very unexpected. Reviewer displeased.				

Abstractor's Few-Word Summary
Screening Physician's Brief Questions & Comments _____

1* - Screening indicator not met, but clinical practice expected and acceptable. Reviewer comfortable.
2* - Questioned practice not necessarily routine, but not totally unexpected. Reviewer still comfortable.
3* - Questioned practice unexpected. Reviewer uncomfortable.
4* - Questioned practice very unexpected. Reviewer displeased.
NOTE TO REVIEWER: Make your judgment • pretending you're the patient.
• knowing what you know clinically.

Figure 2. Clinical Review Summary of Questioned Cases Only

Part III

Name _____
Specialty _____ Department _____
Date appointed to staff _____ Current staff category _____

QUALITY REVIEW	Number or %			
	1*	2*	3*	4*
Summary of Clinical Review				
Surgical Case Review				
Blood Use				
Drug/Antibiotic Use				
Medical Records Completion & Legibility				
Mortality				
Complications				
DRG/Financial/PRO Information				
Incident Reports				
Peer Complaints				
Nursing Complaints				
Patient Complaints				

Example of Part III: Dr. Blade is a general surgeon. His reappointment form might indicate:

FEEDBACK/REAPPOINTMENT

Part III

Name Harold G. Blade, M.D.

Specialty General Surgery Department Surgery

Date appointed to staff 1971 Current staff category Active

QUALITY REVIEW	1*	2*	3*	4*
Summary of Clinical Review				
Surgical Case Review	71%	29%	---	---
Blood Use	63%	37%	5%	---
Drug/Antibiotic Use	59%	41%	---	---

* See figure 2

Figure 3. Feedback Reappointment

2 *Be objective.* Collect and use as much information as possible.

- 3 *Be consistent.* If it's the rule for one applicant, then it's the rule for all applicants.
- 4 *Separate "membership" from "privileges."* Medical staff appointment/membership and category assignment (active, courtesy, etc.) relate only to placement on the staff and membership prerogatives such as voting and holding office. Delineation of clinical privileges *separately* provides a specific definition of the exact nature of each staff member's hospital practice.
- 5 *Follow written rules.* Medical staff bylaws must be updated, explained, followed and supplemented.

Where Is Credentialing Headed?

Believe it or not, the next big issue in credentialing will probably be credentialing of nurses. Example: Two RNs work in the nursery, but one works in the normal newborn nursery, and the other works in the pediatric intensive care unit. What "credentialing" tests should be demanded of the nurse working in the area requiring more nursing skills?

With respect to physician credentialing, the biggest need is to resolve the dilemma of

- the necessity of true peer judgment of applicants' qualifications, but
- the temptation by true peer competitors to abuse the system by "economically contaminating" their evaluation of an applicant's qualifications.

If that dilemma cannot be resolved, then obviously credentialing is headed *away* from the present "hospital-specific" system. Physicians would then not be licensed by the state to practice "medicine and surgery in all its branches," but by law, physicians would become limited license practitioners! Hopefully, objectivity and consistency in performance-based "credentialing" will prevent such an unfortunate occurrence. ■

About the authors: Richard E. Thompson, M.D., is president of Thompson, Mohr & Associates, Inc. His most recent books are *How To Implement an Integrated System of QA, UR, RM, Peer Review & Credentials*, co-authored with Joan B. Thompson, and *Answers to 20 New Tough Questions About Medical Staff Bylaws, "Credentials" And "Peer Review"*, co-authored with Eric W. Springer, Esq. David R. Thompson is president of SENSS Publications, Inc., a subsidiary of Thompson, Mohr & Associates, Inc., and Managing Editor of two monthly letters, *Medical Staff Leader Guide* and *Second Opinions on Healthcare Issues*. His most recent book is *Theory I: End Your One-Minute Search for Excellence*, co-authored with Richard E. Thompson, M.D.

Using the Objective Structured Clinical Examination at the University of North Carolina Medical School

Axalla J. Hoole, M.D., Vicki Kowlowitz, Ph.D., William C. McGaghie, Ph.D., Philip D. Sloane, M.D., and Romulo E. Colindres, M.D.

Much evidence supports the claim that the assessment of medical students' clinical skills is often done poorly or not at all. In 1962, Seegal and Wertheim concluded from conversations with house staff and faculty that "not one of these individuals had ever been overseen by a senior instructor while performing a complete physical examination prior to receiving his medical degree."¹ They stressed the need to supervise student performance during clinical clerkships and reported a modest program at Columbia University in which each clinical clerk was observed performing a complete physical examination during the first three weeks of a clerkship. In 1976, Engel accused the American medical education system of failing to prepare physicians in the fundamental skills of clinical observation and clinical reasoning. After informal inquiries among medical students at more than fifty North American medical schools, Engel found that few students reported having been observed during an interview and physical examination more than one or two times.²

In 1984, the Association of American Medical Colleges emphasized that inadequate supervision of students can evolve on clerkships. It recommended that clearly stated goals and consistent supervision by experienced faculty and residents be provided on each clerkship.³ Professional associations, including the American Board of Internal Medicine (ABIM), also have called for more attention to evaluation in undergraduate and postgraduate medical education.⁴

Unfortunately, current methods of evaluating clinical

skills, both of medical students and of house officers, focus primarily on students' recall of information rather than on instructors' observations of performance. The only direct evaluation of skills in physical diagnosis or ward clerkships usually comes from preceptors who submit an impression derived from piecemeal observations made at the bedside. When classes were small and there were a number of preceptors committed to clinical teaching, these evaluations may have been adequate. Indeed, many preceptors felt they knew the students well. However, larger classes and the proliferation of duties have led to precepting by faculty who have little time for clinical teaching and, ultimately, evaluation. The result has been that courses in physical assessment are often followed by examinations composed of multiple-choice questions. Such tests cannot evaluate clinical abilities or attitudes — only the ability to recall facts.

A number of solutions have been proposed and used to strengthen the evaluation of medical students' clinical skills. They include increased attention to student performance of physical examinations at the bedside; individual, observed complete physical examinations; employing patients as instructors and evaluators;⁵ patient-management-problems (PMPs) to assess clinical reasoning and judgment;⁶ and oral examinations.⁷ However, each of these proposed solutions has limitations due to excessive time required of faculty, uncertain fidelity to the realities of clinical medicine, or an acknowledged lack of reliability and validity. Also, most of these methods do not include an evaluation of the basic techniques of interviewing and physical examination.

From the Departments of Medicine and Family Medicine, University of North Carolina School of Medicine, Chapel Hill 27514. Work on these projects was supported in part by grant #D15-P84003-07 from the U.S. Department of Health and Human Services and from the National Fund for Medical Education.

The UNC Evaluation

The clinical skills evaluation now in use at the University of North Carolina (UNC) School of Medicine is the Objec-



tive Structured Clinical Examination (OSCE), developed by Scottish physician Ronald Harden.⁸ It is used in many commonwealth countries, and typically its chief purpose is evaluation.

The OSCE is similar in design to practical examinations in gross anatomy. Students rotate through a timed series of stations that are focused on physical examination, history taking, and problem solving. At each station students complete a single task, such as description of a set of skin lesions, examination of the ocular fundus, obtaining the history of the present illness, or examination of the abdomen. The skill to be tested is decided in advance and a checklist is prepared which lists the specific components of a well performed examination. Observers at each station evaluate many students doing a single clinical task on the same patient and record results on the standardized checklist. Evaluators may be faculty or trained observers; stations are usually three to five minutes long.

This multiple-stations approach is purported to yield a comprehensive examination of clinical abilities. The larger the number of stations, the greater the validity of the examination. The difficulty of each station can be made ap-

propriate to the level of training of the students being examined.

The OSCEs at the UNC School of Medicine differ from the typical OSCE examination in two ways, which emphasize their orientation toward education rather than evaluation only: faculty and house staff comprise most of the evaluators, with few trained nonphysicians used; and one minute has been added to each station specifically to provide an opportunity for discussion.

At UNC, OSCEs are being given at two academic levels — at the completion of the second-year physical diagnosis course and after each third-year medicine clerkship.

The first OSCE is a final evaluation only for techniques of physical examinations such as breast, heart, or eye examinations. In addition to observing performance, observers may ask students to describe their findings. Clinical stations, representing a majority of the stations, are mixed with didactic stations in which students are asked questions about photographs, slides, and videotapes (table 1). The students are not expected to make diagnoses or to show proficiency in problem solving.

Table 1

OSCE Stations for UNC Second-Year Student Evaluation, 1986

<i>Stations</i>	<i>Skills Assessed</i>	<i>Method of Evaluation</i>
Knee examination	Inspection, description of findings, approach to patient	Faculty observation using checklist (FC)
Ear examination	Recognition of physical findings	Identifying anatomic structures
Heart sounds (Simulated)	Listening, discrimination of heart sounds	Students record findings
Nasal examination	Inspection, approach to patient, use of speculum	FC & student identification of anatomical structures on drawing
Abdominal examination	Inspection, auscultation, palpation, percussion, approach to patient	FC
Gross visual field	Examine patient's visual field	FC
Videotape of gait disturbance	Identify abnormalities, identify neuroanatomic locations	Students record findings
Breast examination: live patient	Inspection, palpation, approach to patient	FC
Examination of thyroid gland	Inspection, palpation, approach to patient	FC
Examination of ocular fundus	Examination technique, use of ophthalmoscope, approach to patient	FC
Breast examination: simulated	Inspection, examination technique, identify nodule	FC Students record findings
Dermatology	Ability to describe lesions	Students record findings
Deep tendon reflexes	Examination technique, approach to patient	FC
Pulmonary examination	Palpation, percussion, auscultation, approach to patient	FC
General appearance	Observe videotape of short interview	Students record findings
Heart examination	Inspection, palpation, auscultation, use of stethoscope	FC
Mental status	History taking, recognition of abnormal mental status	FC, using simulated patient
Interview (2 stations 10 minutes)	Interviewing technique	1) Faculty observes interview 2) Discusses interview

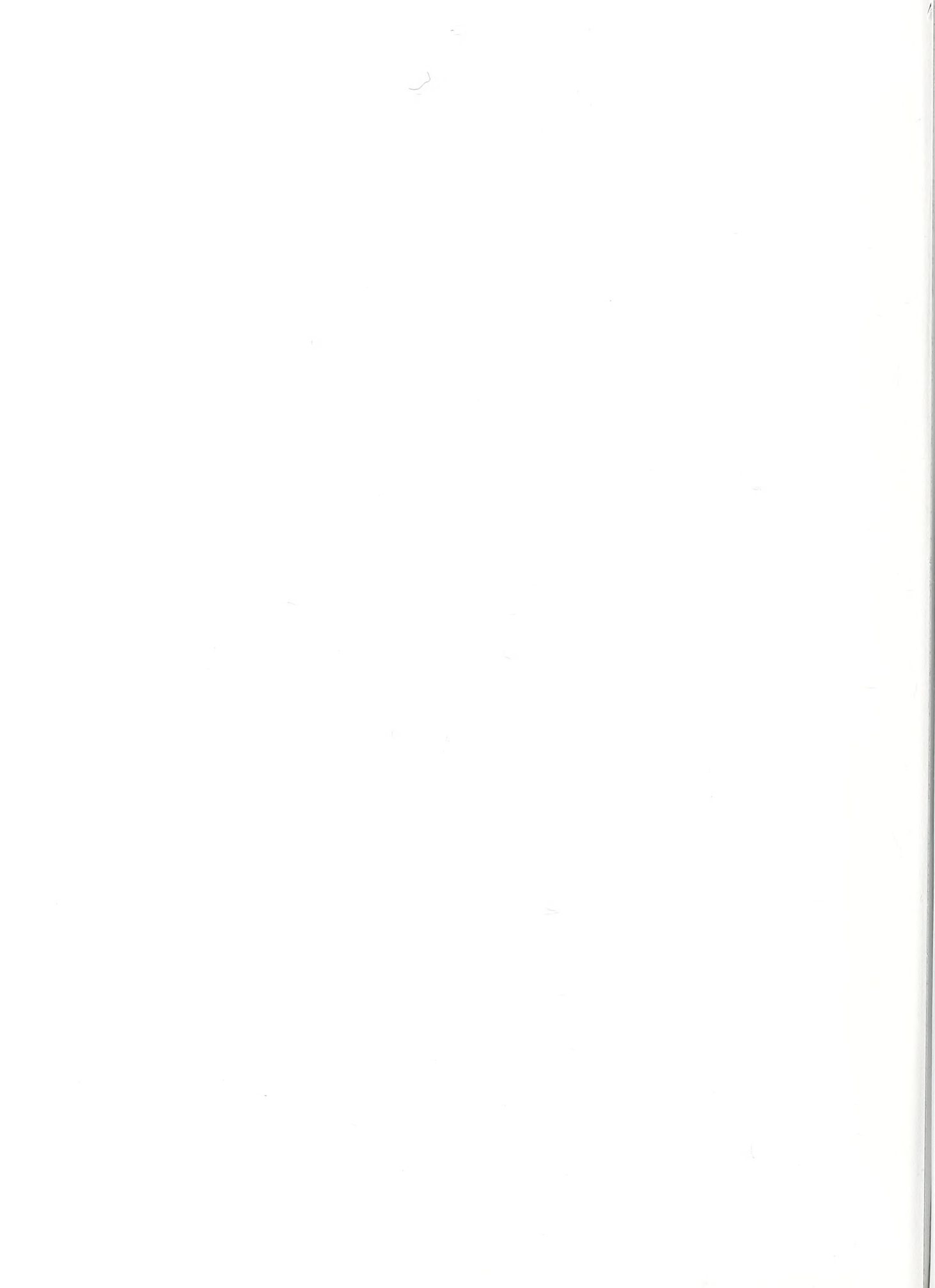


Table 2
OSCE Stations for UNC Third-Year Student Evaluation

<i>Stations*</i>	<i>Skills Assessed</i>	<i>Method of Evaluation</i>
Hepatosplenomegaly	Auscultation, palpation, percussion, differential diagnosis	Faculty observation using checklist (FC) short answer essay questions
Urinary tract infection	History taking, approach to patient, differential diagnosis	FC, short answer essay questions
Joint pain: arthritis	Inspection of hands, palpation, differential diagnosis	FC, short answer essay questions
Peripheral neuropathy	Inspection of feet and lower legs, palpation for pulses, neurological exam	FC, short answer essay questions
Thyroid nodule	Inspection of neck, palpation, auscultation	FC, short answer essay questions
Cough and fever	History taking, interpretation of laboratory data, approach to patient, differential diagnosis	FC, short answer essay questions
COPD	Inspection, palpation, percussion, auscultation	FC, short answer essay questions
Aortic valve	Inspection, auscultation, approach to patient, differential diagnosis	FC, short answer essay questions
Chest pain	Interview technique, approach to patient, differential diagnosis	FC, short answer essay questions
Smoking cessation	Patient counseling about ways to stop smoking	FC

*Each topic has two stations, one for patient evaluation and one for questions about the patient.

The second OSCE, administered after completion of each third-year clerkship, is more advanced than the second-year test and requires diagnostic maneuvers and clinical decisions. Stations are presented in pairs with each pair directed toward a real clinical problem. At the first station, students either examine a patient or take a history. At the second station they are asked to answer written questions about the case, discuss the problem with the observer or comment on additional x-ray or laboratory data that are provided for discussion (table 2).

The second-year examination, composed of 20 five-minute stations, lasts about two hours. In order to test 160 students in one day, we run two examinations simultaneously and start a new set of examinations every two hours at 8:30, 10:30, 1:30, and 3:30. Because weekends are the only time that space is available, we have to conduct this examination on Saturday. Preceptors usually participate for two examinations; patients, who are usually first- or third-year medical students or nursing students, are paid by the hour and work for one to four examinations. To increase the educational benefit from being a paid patient, students are assigned to a different station for each test. Patients who have sensitive areas examined can tolerate only one two-hour shift before moving to another station. The third-year examination, because it only involves forty students, can be done during the week and is a less herculean task. Because one of the goals of this examination is the identification of physical findings, these patients must be recruited from our outpatients.

The second-year OSCE was developed at UNC and ad-

ministered to part of the class in 1985 and to the entire class of 160 students in 1986. In contrast, the third-year clerkship OSCE, a one-year trial, is a product of a collaborative student evaluation project involving three other medical schools: University of Texas Medical Branch at Galveston, Southern Illinois University, and the University of Washington, Seattle. Financed by the National Fund for Medical Education, this project aims to see if an identical clinical skills examination can be successfully administered at four geographically and functionally different medical schools.

Results

Response to a student questionnaire distributed after each examination indicated that the exercise was received enthusiastically by the students. The following assessment of the second-year OSCE is based upon the 122 returned questionnaires, representing 90% of those distributed (table 3, next page). Ninety-one percent of the students rated the OSCE as a valuable experience; 92% of the students considered the feedback they received at the stations valuable; and 86% thought that the OSCE was a worthwhile method for assessing clinical performance. Without exception, the students recommended that the OSCE be run again next year.

A similar questionnaire was distributed to the third-year medical students. The results are based on 92% of the 77 questionnaires distributed for two clerkship rotations (table 4, next page). One hundred percent of the students felt that

Table 3**Results From a Student Questionnaire on the Second-Year OSCE, 1986**

	<i>Not Valuable</i>	<i>Somewhat Valuable</i>	<i>Valuable</i>	<i>Very Valuable</i>
1 Educational value:	0%	2%	25%	66%
2 Value of feedback:	0%	7%	26%	66%
3 Method of clinical evaluation:	0%	14%	39%	47%
4 Should the OSCE be administered again?	NO — 0% YES — 100%			

Table 4**Results From the Student Questionnaire on the Third-Year OSCE, 1986**

	<i>Strongly Disagree</i>	<i>Disagree</i>	<i>Agree</i>	<i>Strongly Agree</i>
1 I feel this OSCE was a valuable learning experience:	0%	0%	31%	69%
2 Overall, the feedback I received was valuable:	0%	0%	31%	69%
3 I feel the OSCE is a worthwhile method for assessing clinical competence:	3%	8%	56%	32%
4 I recommend the OSCE be run again next year in the medicine clerkship:	1%	3%	31%	65%

the OSCE was a valuable learning experience and that the feedback received at the stations was valuable; 88% of the students thought the OSCE a worthwhile method for assessing clinical competence; and 96% recommended that the OSCE be run again next year in the medicine clerkship.

At exit interviews, students reported that the OSCE provided the longest discussions of physical findings and clinical technique they had ever had with attending physicians. Faculty reported an increased awareness of students' clinical abilities and expressed enthusiasm for the opportunity to observe and teach techniques of the physical examination. Most participating faculty acknowledged the need for more supervisory contact with medical students.

Discussion

Many of the complaints made about other examinations of clinical skills are answered by the OSCE. Although there is no substitute for bedside observation, the OSCE provides some of the realities of clinical medicine and also obtains a higher degree of standardization by having all students examine the same patient while being observed by the same scorer using preset standards. In this way, especially when two scorers are periodically used, observer bias and variability are decreased and reliability is increased. Also, the test may be made less labor-intensive without losing its orientation toward clinical skills by using students as "patients," especially when specific physical findings are not necessary or the "patient" can be trained, and by using videotapes, photographs, slides, or x-rays, about which questions may be asked.

Our experience unfortunately has shown that despite at-

tempts at standardization, evaluators vary greatly. Videotapes of the examination showed that some evaluators began to prompt as soon as the students had the slightest hesitation, and others waited silently or even ominously until the students had absolutely finished. Also, evaluators do not use the checklist in a consistent manner.

Moreover, there is no universal technique for physical examination. In fact, in the physical diagnosis course we stress that good physicians may differ in the way they approach a simple screening examination. For this test we are trying to reach consensus on a standard technique and have all observers, faculty and residents, review and agree upon the content of the checklist used in grading.

The experience of implementing the OSCE at UNC has been unequivocally positive. What started as a tool for evaluation is emerging as a means of education. Its role as an educational endeavor is more than we ever envisioned. This is evident from our most frequently encountered administrative problem: faculty are reluctant to allow students to leave their station until they "get it right!" Also, students routinely volunteer that interaction with faculty is the most valuable feature of the OSCE.

As long as some time at each station is spent discussing performance, there may be a conflict between evaluation and teaching. While this approach strays from the original intent of the examination to be solely evaluative,⁸ we are reluctant to abandon it until we can determine if the evaluative function has been undermined.

Results of the OSCEs have also begun to affect the Medical School curriculum. Lecturers in the physical diagnosis course have adjusted presentations and demonstrations to correct systematic deficiencies and in several cases have



developed additional small group practices. In addition, Medical School curriculum committees are now working on a plan that would assign each of the five basic clerkships responsibility for certifying that students have acquired certain basic clinical skills.

The OSCE also underscores the point that an institution's evaluative practices are its most direct expression of educational intent. Examinations send a message to students and faculty about the information and skills learners are expected to acquire.⁹ Failure to use a deliberate approach such as the OSCE often results in a subjective, ritualistic approach to evaluation administered by faculty who are detached or remote.¹⁰ Students may try to bluff their way through rotations under a verbal "cloak of competence" rather than acquiring and demonstrating key clinical skills.¹¹ Changing the method of student evaluation is one of the best ways to affect teaching practices, and in the end the side effects of the OSCE may be much more important than its original evaluative intent.

Producing an OSCE, a very labor-intensive examination, requires commitment from a large number of faculty. Several people spend many hours a week for months organizing the approximately 50 preceptors, 40 patients, and eight clerical staff necessary on the day of the examination. Our efforts have gone well because we have an interested faculty who each year have requested that the test be repeated. Our intent is to make the test a reliable evaluative/teaching tool that can be given annually without exhausting the good will of the faculty. ■

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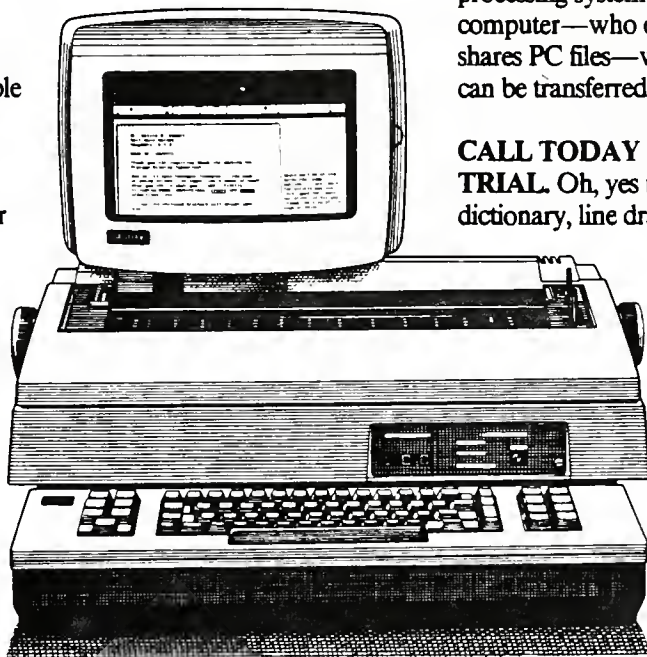
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Living Ghosts from Our Past

The 1987 Spicer-Breckenridge Lecture

Paul W. Brand, M.D.

The Spicer-Breckenridge Lecture is given annually in memory of two members of the medical school class of 1939 who lost their lives in World War II, Emmet Spicer (1916-1945) and Arnold Breckenridge (1915-1945). The lecture is given during the annual Alumni Meeting of the School of Medicine of the University of North Carolina at Chapel Hill, the only occasion during the year on which students, faculty, and alumni gather.

I am grateful for the honor you do me, that you have chosen me to be the one to remind all of you at Chapel Hill of your own history, and to point you forward along paths that have been illuminated by the lives and by the sacrifice of these two men who have helped to make our own future more secure and more free as well as to have more meaning.

I want to refer to special features of the heritage that Emmet Spicer and Arnold Breckenridge individually have left to all of us, but first we need to remind ourselves that, to a remarkable extent, we are each a composite of men and women of the past. If we take the trouble to study our own patterns of thought and action, we shall come to recognize that we have gotten more from our parents than the sequences of DNA in our genetic inheritance. We have gotten more from our teachers than the facts they have taught. Even our friends and peers, who never set out to teach us anything, may be living on in our attitudes and opinions long after they have left us, separated by distance or death.

I have recently been trying to trace the source of my own disciplines in operative surgery. I do not mean the type of operations that I use, or the reason for using one muscle to transfer, rather than another, for a partially paralyzed hand. I refer to the basic disciplines that I do not think about any

more, because they have become part of my reflex responses to all that happens in any operation. I looked at the methods I use to arrest haemorrhage during surgery. Here I am a little slow. I simply cannot bring myself to grab quickly at a bleeding point with a haemostat, knowing that in my haste I shall probably clamp and crush more living tissue than I need, leaving dead cells to be hauled away by macrophages before the wound can be fully healed and return to the peace of homeostasis. After a careful exercise of memory I have tracked this back to the second of my teachers during my surgical residency, Dr. Thomas Higgins. I used to be fascinated by his ability to pick up the cut end of a tiny blood vessel without any other tissue, and I was very much aware of his critical eye when I was operating, and his occasional snort when I was more than usually clumsy. That was forty years ago, and he is probably no longer alive, but I tell you that he still looks over my shoulder, and sometimes he snorts at me today, though not as often as he used to, because I have become pretty good now as a result of his continuing influence.

Then there is my habit of using the broad soft pad of my thumb to arrest sudden severe bleeding while I wait to plan the next move. That comes from Sir Launcelot Barrington-Ward, who taught me at the Childrens' Hospital in London. I still see him across the operating table, completely at peace while his great thumb rested on a tear of the Vena Cava, and he winked at me and asked "Do we clamp it or shall we sew it up?" Sir Launcelot was surgeon to the King of

Senior consultant of the Hansen's Disease Center, United States Public Health Service, and Clinical Professor of Orthopaedics and Surgery, Louisiana State University

England, and famous in every way, but he never tired of repeating his simple philosophy to every young trainee. "You make mistakes when you panic," he would say "and fast bleeding breeds panic, so don't rush in with instruments. Use your thumb until you know what you want to do, then do it deliberately." He still lives in my own surgical philosophy and technique, and his Ghost still winks at me sometimes when I use my thumb, and his comforting presence still brings a sense of peace where there might have been stress. Part of him will go on living in those whom I have taught, but to them his image may now have blended into mine.

More than half the scientific facts that I learned as a student, and ninety percent of the drugs whose dosage and actions I memorized, have been discarded and lie in the trash cans of history. The treasures that have survived, together with the ghosts of those who taught me, are the disciplines and attitudes by which I still guide my life. I had such a good teacher of the History of Medicine that pioneers like Semmelweis have come back to life. He it was who first identified the role of the surgeon's hands in the spread of infection from patient to patient. It was he who insisted that all the staff should scrub with soap and water. He was thrown out of his hospital appointment by the surgeons who felt insulted by his implied suggestion that they were dirty. Without a job, and laughed at by his peers, he tried to convince the public by printing statements about infection, and handing sheets of paper out to passers-by on the streets. They too laughed at him until his mind became unhinged and he died an alcoholic and pauper. Joseph Lister read his work and went on to fame and fortune by demonstrating the truth of what Semmelweis had proved. When I am tempted to hurry through a perfunctory scrub so that I can get on to operate, it is Semmelweis who stands behind me and says "It cost me my job and my life to establish the truth behind this discipline." So I go on scrubbing until I have completed ten full minutes.

I live beside the Mississippi River and sometimes walk on the levee in the evening. I often swat a mosquito that has had the temerity to settle on my arm for a meal. When I do, I sometimes think to turn to another Ghost beside me and say "Thank you James." This is because there are many gravestones in this district inscribed to the memory of young men and women who died of Yellow Fever. They too had been bitten by mosquitoes. A walk beside the Mississippi was a perilous enterprise in those days. But Dr. James Carroll, a young army surgeon, volunteered to be part of an experiment to test the theory that Yellow Fever was transmitted by the *Aedes aegyptii* mosquito. He moved to an area where there was no Yellow Fever, while others captured mosquitoes which had fed on victims of the disease. James Carroll watched as a wide mouth jar was inverted over his arm, and the mosquitoes drove their proboscises into him. There were other volunteers, and they got Yellow Fever too, but it was Dr. James Carroll who died of the infection. His sacrifice opened up new knowledge and started the

process which now makes it safe for me to stroll beside the Mississippi in the dusk. Thank you James.

During surgical ward rounds in India I once caught a strange expression on the face of one of my young trainees in surgery. He was examining the abdomen of a patient while continuing to ask her some questions. These were probing a rather embarrassing area relating to the possibility that her pain might have origin in a venereal infection. He had screwed his face into an asymmetrical combination of a sympathetic smile and an expression of serious concern. This involved raising one eyebrow while lowering the other, while his head was tilted sideways and thrust forward a little. The thing that caught my attention was that he had the exact expression that my old teacher, Professor Pilcher, used to use on just such occasions. I could not avoid commenting on this extraordinary coincidence by which this young Indian surgeon had imitated the facial expression of an Englishman he had never seen. Then another young surgeon at the bedside laughingly told me, "But sir, his face is exactly your face!" I was taken aback and began to ask myself what I was teaching these trainees. Was it surgery or was it new ways to smile?

After more reflection I became rather pleased. Professor Pilcher had been rather reserved and shy in his manner, but he took enormous care to make sure that his patients understood his basic commitment to them, and sympathy with them. He avoided saying anything that might be misunderstood and increase their fear or break down their trust. He would never allow any of us to laugh at the bedside at any little hidden joke we might have amongst ourselves, because the patient might think that we were laughing at him. The rather contorted smile that I had observed on the face of my trainee was really Dr. Pilcher's expression of love and concern mingled with a necessary professional restraint. I began observing some other faces and mannerisms at the bedside. Seeing a similar sort of attitude and half smile in more than one of my students, I noted that it occurred when they were anxious to win the trust and affection of their patients. There was no attempt at conscious control of their facial muscles, but it must have been an attempt to do as they had seen me do, even as I must have cultivated, without conscious volition, the attitudes of my teacher.

So Professor Pilcher was living on in India, where he had never been in the flesh. Even today his smile, on other peoples' faces, is perhaps breaking down barriers between patients and doctors in hospitals from Madras to New Delhi. If that is true I am thankful that I can not only continue to benefit by what my mentors have taught me, but can pass on to others the living attitudes and imperatives that have made them great. I can share my living ghosts and blend their spirits with my own so that the quality of all our lives may be enhanced. It is important that we choose our models from amongst the greatest and finest that we know, for they will live with us longer than we may think.

Amongst the ghosts that remain with me is that of a patient in India. He was one of our early leprosy patients, in the

days when I was just beginning to operate to correct their deformed hands. I was away from home for a few days, and the young man came to my house, asking for me. His hands were bandaged, and his feet wrapped in rags through which the wetness of discharge from his ulcers was very apparent. My wife Margaret told him to come back when I returned, and to see me in the hospital clinic. His face looked so sad as he turned away in despair that Margaret felt impelled to ask him if he had somewhere to stay. He shook his head, saying he would manage somehow. She knew no hotel would accept him, and it was obvious he had no money. He had walked far on his wounded feet to come to us. With a sure impulse Margaret said, "You are welcome to stay with us, if you like. We can make up a bed on this veranda, and you can share our food until my husband comes home." He soon had clean dressings on his feet, and the children were told to be nice to him, but not to come near enough to catch his infection. In those days we knew only a little about the disease.

When I came home, the patient, Sadagopan, stood up with downcast eyes while my wife welcomed me. She answered my unspoken question with the words, "You see, he had nowhere to go." I said, "but . . . the children . . ." Yes, she had taken what care she could; but we had told people, had we not, that leprosy was not highly infectious? Besides, *he had nowhere to go . . .*

That scene has lived with me ever since. It was, in part at least, the stimulus for my collecting money to build a village of mud-and-thatch houses where leprosy patients could live during the time we were finding ways to rehabilitate them. The sad face of that young man, with latent dignity and intelligence, but frustrated by deformity, poverty and stigma has become for me the face of all such displaced persons. The haunting words "he has nowhere to go," and the sweet face of my dear wife to whom it was so clear that this was a personal challenge to us and to our home, have lived and spoken to me all down the years. I do not want that ghost ever to die or fade away. It would be too easy to retreat behind a trite statement, "the government should do something for this kind of case." Who is my neighbor, whom I should love as myself? Sadagopan's story also has a happy ending. On my last visit to India he invited me to his daughter's wedding. He is independent, and has a lovely family. His is a home to which he is proud to invite me. He has somewhere to go.

We may not have much choice over who our parents are, or over who teaches us our medicine. It is not our fault that the news coverage reminds us every day of leaders in the world of finance, of government and even of religion, who have been seduced by greed for money, sex or power. We may be surrounded during our Residency training program by many who are planning their future with a single eye towards financial success. We *do* have a choice, however,

**"It is important that we
choose our models from
amongst the greatest and
finest . . . for they will live
with us longer than we
may think."**

and we do have control over the decision of whom we *choose* to accept as our own personal guides and inspiration. I like to review my own ghosts from time to time in case some have sneaked into the group who should not be there, and who need to be exorcised. I appreciate my Accountant, and have just finished working with him over my income tax returns. However, I do not want any financial advisor looking over my shoulder or whispering to me while I am seeing patients and giving them my advice.

I have been reading with care and appreciation the accounts of the lives of Dr. Spicer and Dr. Breckenridge whom we remember today. When a person is suddenly snatched away from life at the very peak of his idealism and personhood, he sometimes leaves a more vivid impression than is left by those who, like old soldiers, simply fade away. They gave their lives in a cause that united the whole country, and we all share in the freedoms they helped to preserve. Those who were touched by their lives have recorded some of the factors that have made them memorable, and that have made them live on through their influence on others.

Nelson Hairston, Professor of Biology and Ecology here at Chapel Hill, says that by introducing him to the fascination of the study of birds, Arnold Breckenridge had a profound influence on his life and on his career as an Ecologist. I was very happy to read that statement, because I myself started my interest in Ecology with a love for birds. I am no Ornithologist, but I have developed a deep sense of kinship with all of life on our planet, and I think it was birds that started it. Even as coalminers in England took caged canaries down into the mines with them to serve as warnings, because birds die of methane poisoning before humans do, so we humans in the USA need to watch what is happening to the birds of our country as a result of pollution. We shall be affected next. I myself would like to be remembered for having introduced others to a love of the earth and of all of its living things. On my way to this Medical Center today an old friend of Arnold's, Dr. Erle Peacock, took me to see Arnold's grave and the granite gravestone, on which were inscribed the simple words, "A Lover of Nature." So I applaud with gratitude the influence that Arnold has had, and continues to have through others in this respect.

I do not know if you North Carolinians realize it, but your state has led the way in a most important field. You may think that you will be remembered for basketball. No, the unique thing about North Carolina is that a large number of your church and civic leaders have gotten together to form "The Land Stewardship Council of North Carolina." The initiative came from people, not government, and was spearheaded by the churches. People had realized how the soil of North Carolina was being washed away where there had been irresponsible deforestation and high pressure farming, and they determined to do something about it while

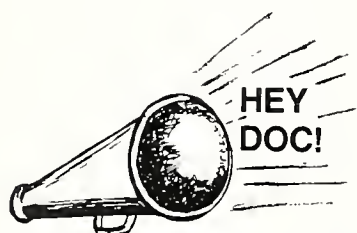
there was still time to save the land and trees for their children and grandchildren. Their influence has been tremendous, and their publications have set a model for all other states to copy. Who knows but Arnold Breckenridge's Ghost may have been working through his influence on some who grew up with him to bring about this awakening. Thank you Arnold for your love of all living things which still inspires people today.

Dr. John Graham, your Professor of Pathology at Chapel Hill, records of Emmet Spicer that he first knew Emmet through the Sunday School which both faithfully attended. Mr. Pope, a close buddy of his in the army, notes that Emmet gave him a little book by Henry Drummond called "The Greatest Thing in the World." Now, I happen to have read that book myself, and more than once, probably at about the same time, for I was about his age and the book was new then. It is the documentation of a sermon that was preached by Henry Drummond based on the Love of God and on that well-known chapter in the New Testament, 1st Corinthians 13, that describes the real meaning of *love*. All of this tells me something important about Emmet. A young officer in the army overseas does not carry books about great sermons with him into combat unless they mean something to him. Colonel Henry Townsend tells of Emmet's final single-handed foray into a valley in Corregidor that was controlled by the Japanese, but in which he knew there were many wounded American soldiers. Emmet lost his life

bringing relief to the wounded men for whom he felt himself to be responsible. Colonel Townsend comments, "They say that there is no greater love than a man lay down his life for his fellow man. That was reenacted that day in that ravine in Corregidor Island."

For that example, and for that Spirit, we are grateful. We need it today in a culture where too many of us are led to think that the greatest thing in the world is money. Even in our own profession we easily fall to the seduction of wealth and power. We forget that we are called to serve our fellow man, and we forget the example of Jesus Christ, the Great Physician who said, "By gaining his life, a man will lose it; by losing his life for my sake, he will gain it." He lived up to his own words, even to the cross, and he knew joy as he saw the effect of his life on others. We need ghosts that will come back to us and remind us that we are servants and that it is in the giving of ourselves that we find our greatest happiness and fulfillment. Emmet Spicer, you knew then and I believe you know now, that the Greatest thing is *love*. Thank you for living it and for dying for it, and for telling us today that love and service to God and to our fellow men and women is worth living for and worth dying for.

Arnold and Emmet, you have inspired us today. May we hold to the best that you have taught us, and pass it on by the example of our own lives, to those who are still to come.



DO YOU SOMETIMES FEEL THAT YOUR PRACTICE IS RUNNING YOU? DO YOU FEEL INTIMIDATED BY THIRD PARTIES? ARE YOU CONCERNED ABOUT YOUR LEVEL OF PROFIT? ARE YOU LOOKING FOR WAYS TO BOOST PRODUCTIVITY?

You, as a physician, need not be told that the practice of medicine is undergoing some marked changes due to many factors, not the least of which are increasing competition and the encroachment of government and other third parties into the delivery of health care. In addition to the above concerns, consider these also:

- Are your expenses too far out of line with your gross (over 55-60%)?
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- Do you have a low (below 93-95%) collection rate, and do you have trouble making firm financial arrangements with your patients?
- Is your practice unstable or showing difficulty in getting patients to return?
- Are you losing out to the competition in your community?

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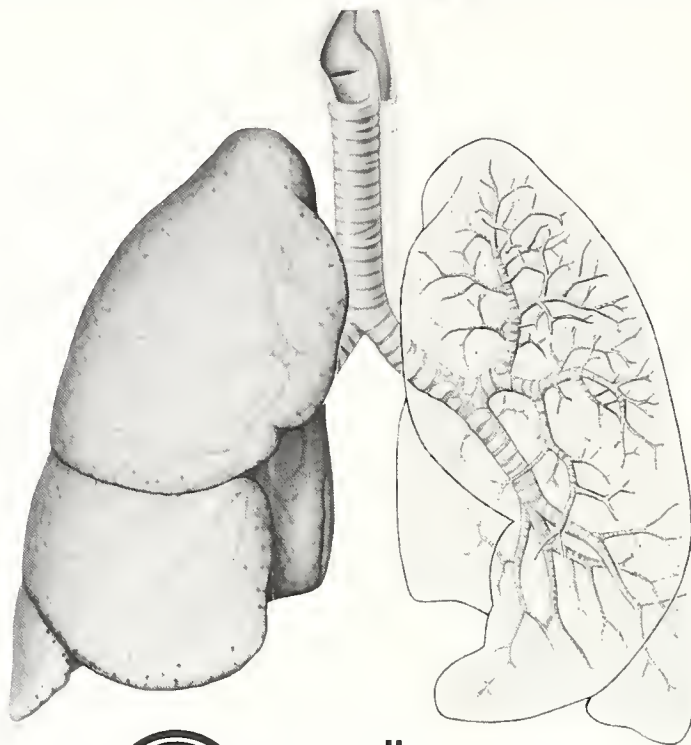


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Note: Ceclor is contraindicated in patients with known allergy to the cephalosporins and should be given cautiously to penicillin-allergic patients.

Penicillin is the usual drug of choice in the treatment and prevention of streptococcal infections, including the prophylaxis of rheumatic fever. See prescribing information.

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Summary. Consult the package literature for prescribing information.

Indications: Lower respiratory infections, including pneumonia, caused by susceptible strains of *Streptococcus pneumoniae*, *Haemophilus influenzae*, and *Streptococcus pyogenes* (group A β -hemolytic streptococci).

Contraindication:
Known allergy to cephalosporins.

Warnings:

CECLOR SHOULD BE ADMINISTERED CAUTIOUSLY TO PENICILLIN-SENSITIVE PATIENTS. PENICILLINS AND CEPHALOSPORINS SHOW PARTIAL CROSS-ALLERGENICITY. POSSIBLE REACTIONS INCLUDE ANAPHYLAXIS.

Administer cautiously to allergic patients. Pseudomembranous colitis has been reported with virtually all broad-spectrum antibiotics. It must be considered in differential diagnosis of antibiotic-associated diarrhea. Colon flora is altered by broad-spectrum antibiotic treatment, possibly resulting in antibiotic-associated colitis.

Precautions:

- Discontinue Ceclor in the event of allergic reactions to it.
- Prolonged use may result in overgrowth of nonsusceptible organisms.
- Positive direct Coombs' tests have been reported during treatment with cephalosporins.
- Ceclor should be administered with caution in the presence of markedly impaired renal function. Although dosage adjustments in moderate to severe renal impairment are usually not required, careful clinical observation and laboratory studies should be made.
- Broad-spectrum antibiotics should be prescribed with caution in individuals with a history of gastrointestinal disease, particularly colitis.
- Safety and effectiveness have not been determined in pregnancy, lactation, and infants less than one month old. Ceclor penetrates mother's milk. Exercise caution in prescribing for these patients.

Adverse Reactions: (percentage of patients)

Therapy-related adverse reactions are uncommon. Those reported include:

- Gastrointestinal (mostly diarrhea): 2.5%.
- Symptoms of pseudomembranous colitis may appear either during or after antibiotic treatment.
- Hypersensitivity reactions (including morbilliform eruptions, pruritus, urticaria, and serum-sickness-like reactions that have included erythema multiforme [rarely, Stevens-Johnson syndrome] or the above skin manifestations accompanied by arthritis/arthritis and, frequently, fever): 1.5%; usually subside within a few days after cessation of therapy. Serum-sickness-like reactions have been reported more frequently in children than in adults and have usually occurred during or following a second course of therapy with Ceclor. No serious sequelae have been reported. Antihistamines and corticosteroids appear to enhance resolution of the syndrome.
- Cases of anaphylaxis have been reported, half of which have occurred in patients with a history of penicillin allergy.
- As with some penicillins and some other cephalosporins, transient hepatitis and cholestatic jaundice have been reported rarely.
- Rarely, reversible hyperactivity, nervousness,

insomnia, confusion, hypertonia, dizziness, and somnolence have been reported.

- Other: eosinophilia, 2%; genital pruritus or vaginitis, less than 1%; and, rarely, thrombocytopenia.

Abnormalities in laboratory results of uncertain etiology

- Slight elevations in hepatic enzymes.
- Transient fluctuations in leukocyte count (especially in infants and children).
- Abnormal urinalysis; elevations in BUN or serum creatinine.
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Address of the President-Elect to the North Carolina Medical Society

Henry J. Carr, Jr., M.D.

First of all, I want to express my gratitude for the honor you have bestowed upon me by electing me as your President for the coming year. I am grateful for the confidence you have expressed in me in doing this and I will do my dead level best to justify that trust.

I approach this year with genuine humility and certainly with a great deal of apprehension, and right up front let me say that I sincerely solicit your support, your guidance, your suggestions, your encouragement, and yes, your prayers, as you and I face the many problems and opportunities of medicine currently in North Carolina. My predecessors over the past several years have set a fast pace and high standards as they have accomplished their tasks, and I pledge my best efforts to continue their programs and to deal with any new problems on issues that may arise. I hope with the same dispatch and level of excellence that they have shown.

Over 20 years ago I became actively involved in the North Carolina Medical Society mainly by the influence of two former Presidents of the Society. My former family physician in Roseboro whom I idolized and greatly respected, Dr. J. Street Brewer, encouraged me to "get involved" and had me appointed a member of the Constitution and Bylaws Committee. Dr. Roscoe McMillan of Red Springs was chairman of the committee at that time and he stimulated my further participation in Medical Society activities. As I reflect on my beginning, I feel that I had two excellent supporters who were also sterling examples of caring, dedicated, and loyal family physicians.

As I have observed the undertakings of the Medical Society through the years, the pace of activities has certainly quickened. Many times the House of Medicine has found itself at odds with other segments of society, i.e., government, third-party payors, business and industry and other health care providers, that would have undermined the prerogatives and responsibilities that physicians have to determine what, when, where, in what setting, and at what cost their patients will receive medical care. However, we must as physicians always keep the best interest of our patients

as the number one and unyielding priority, no matter what the circumstance. We must always remember that in the health care system, the most important person or entity is the patient. We mustn't forget that, without the patient, we as physicians would have no purpose in life.

One of my goals in the coming year will be to continue to use the Society's most precious and tremendous resource, its members, to address health care issues in a manner that *builds* bridges among all segments of the North Carolina Medical Society, and between the Society and its allies, and even between the Society and those who are not now its allies. We need to improve relations among the various societies and academies within the North Carolina Medical Society. We have numerous problems that have already been identified that are common to all of us, including but certainly not limited to indigent care, physician diagnosis related groups, relations with professional review organizations, AIDS and sexually transmitted diseases, civil justice reform, and impaired physicians. We need to consolidate our efforts and work together to solve these problems. We certainly can be more effective in solving them, and that would in turn benefit the citizens of our state, if we pull together rather than working separately.

Another area that requires considerable attention is membership. Membership is the life's blood of any organization, both the recruitment of new members as well as the retention of present members. We have had a steady growth in North Carolina Medical Society membership for many years. In fact we have had 14 consecutive years of dynamic growth in AMA membership and North Carolina is the leader in the AMA in this category.

However, this year we have had some defections from our ranks, or put in another way, a failure to renew their commitment and membership by some members who are dissatisfied with happenings outside the jurisdiction and control of the North Carolina Medical Society, as well as other activities of the Medical Society, unanimously approved by the House of Delegates, i.e., the extra dues increase for the civil justice reform campaign. We could liken this problem to a cancer of the cecum with a slow blood loss and the gradual development of an anemia. What we need is a transfusion for our "membership anemia" to get

From President of the North Carolina Medical Society. Dr. Carr presented this address to the Society at its 133rd Annual Meeting, April 1987.

our Society, i.e., the patient, back in shape, so that we can proceed with definitive Rx (surgery) to cure the problem. We need a significant growth in new membership as soon as possible as well as reinstatement of those who have strayed to be able to carry out our objectives. We need that membership transfusion, not oral iron therapy, so we can get on with our goals now.

The Medical Society is taking steps to correct the problems that have caused the discontent among some members and we earnestly solicit their reinstatement and support. We certainly need their help and we feel that they need us. We know that this will be a mutually beneficial move for all of us. There is a large reservoir of non-member physicians in the state that we need desperately to tap. We have plans for a phonathon later in May [1987] to boost our rolls from this group.

The North Carolina Medical Society has many policies, programs, and activities that are clearly beneficial to our members and we must use these benefits to attract new members. Americans have an affinity to unite and form associations to solve problems as well as to protect their interests. Organized medicine, whether it be on the national level, state level, or local county or city level, is the best method to preserve and nurture our freedom to serve our patients as we believe we ought to (in their best interest) as well as to protect our own interests. We must portray this picture to those who are not, but should be, members of our Society.

I have no earth-shattering programs or new deals or fair deals, etc., that we plan to put forward. I think we have enough problems and incomplete programs upon which we need to concentrate and try to solve and conclude. We have lots of wheels that are squeaking and need greasing, and one of my objectives will be to lubricate the squeaking wheels of the North Carolina Medical Society. A few examples of the programs begun by my predecessors that merit our continued attention are:

1. The task force on sexually transmitted diseases and AIDS—this task force is hard at work on this mushrooming local and national health menace or “new plague” that demands immediate attention. This is clearly one of the most profound social and health dilemmas of this generation. One sound approach they have is educating the public about the disease as well as educating our health care professionals, especially the physicians and nurses in the state, as to the management and care, including the treatment, of AIDS victims. Another important aspect of AIDS currently is “what to do about testing.” The task force is currently addressing that problem.

2. The task force on indigent care is making strides on how to address the care of the indigent and medically indigent in the state. This is a service that the Medical Society owes to the citizens of North Carolina. As was brought out in the reference committee Thursday, this is a problem of enormous magnitude.

3. Reforming the civil justice system is a difficult experience and a complicated problem that will require a long-term commitment to achieve success. We are working on the foundation of this campaign and are on schedule at this time.

4. The Task Force on Society Governance has worked diligently over the past year to bring you the material upon which you will debate and act later today. A most conscientious effort has brought forth these suggestions.

5. Carolina Doctors Care, the statewide alternative delivery system open to all our members, was chartered in June 1986 following a mandate of the 1986 House of Delegates in Asheville. A stock subscription was initiated and completed, with moderate success. Minimally adequate capitalization has been raised and a final feasibility study is in progress to determine whether or not there is sound data or indication that would warrant proceeding with the company. We have every expectation that Carolina Doctors Care will be well received in the marketplace; however, with the changing climate in alternative delivery systems and the indications that some other forms of health maintenance organizations different from Carolina Doctors Care have not been as well supported as had been expected, and others have met with hard times, final judgment will be reserved until the feasibility study has been completed. Carolina Doctors Care and the North Carolina Medical Society express gratitude to those member physicians who have supported this effort with their purchase of stock. Frankly, we were somewhat disappointed that the support was not greater from our members in purchasing stock; however, we hope that there will be an overwhelming participation response from the remainder of the membership across the state when the company becomes operational. This effort represents another step by the North Carolina Medical Society to assure that physicians maintain a voice which can be heard in the health care marketplace. To succeed we will need the help of all of you.

6. The Liaison Committee with the professional review organizations will continue to work in your behalf. This is one group that needs the input of the physicians as well as the various societies and academies across the state to be able to express your concerns and problems to the professional review organizations.

7. The Liaison Committee with the North Carolina Academy of Family Physicians is currently addressing problems and concerns that the Academy has that have arisen over the past one to two years. They are diligently trying to solve these disputes and improve internal relations.

8. Liaison with the Auxiliary is a high-priority item. We feel that the Auxiliary is one of our richest resources and we are most appreciative of their efforts and want to utilize them more. We stand ready to help them help us in any way that we can. When we hear that they conducted

over 200 health related programs across the state last year, and they collected over \$40,000 through AMAERF for our four medical schools last year, we know that they are invaluable members of our team.

9. Over the last several years we have been impressed with the outstanding contribution that the Medical Students Section has made to the Society. Obviously the students are the physicians of the future and the ones who will be in our shoes soon. We want to help them in any way that we can so that the transition will be smooth when the time comes. We see that they need to be more involved now than ever before, because so many things are impacting on the health care system these days that will greatly influence their lives and practices a few years hence. We want the students and the resident physicians to know that we will support them in every way possible.

10. We want to work more closely with the Board of Medical Examiners generally, but especially with the expanded program of services for impaired physicians. We realize that this is an ever-increasing problem and we need to get a handle on this enigma or perplexing matter.

11. We hope to form closer alliances with specialty societies through the provision of administrative services as a headquarters function. We now have a formal relationship with six specialty societies and discussions are in progress now with two others, representing a total of 4,126 physicians across the state.

12. We will strive for closer association with the various divisions of the Department of Human Resources, which is deeply involved in the whole range of public health concerns, including AIDS. Also, we want to work closer with the Hospital Association, the Nurses Association, Physician Assistants, Medical Assistants, Medical Group Managers, and other health care professionals in North Carolina.

13. During the past year, we have been trying to repair some bridges between the North Carolina Medical Society and Blue Cross and Blue Shield of North Carolina.

At each Board of Trustees meeting of Blue Cross and Blue Shield, a report of North Carolina Medical Society activities has been presented, and I feel that the Board of Trustees of Blue Cross and Blue Shield is genuinely interested in the activities of the Medical Society and greatly respects the Medical Society and seeks input from us regarding medical care in North Carolina. I think our input to them can be directly beneficial to the 25% of the citizens of this state they insure, as well as indirectly helpful to the other 75% of the people of North Carolina. Four physicians who are members of the North Carolina Medical Society are members of that Board, plus one additional representative from the North Carolina Medical Society, usually the President-Elect. Recently, Blue Cross and Blue Shield requested that a committee of six other North Carolina Medical Society physicians be appointed to offer guidance about the administration of the State Health Plan. This has been accomplished.

Don't get the idea that this Ship of State is in trouble. Many, many more things are working well than are not. Things have been left in very good shape overall by my predecessors and I'm going to try to stick to the old principle, "If it ain't broke, don't fix it."

Do not conclude from these remarks that we will not address additional issues as they arise. We most assuredly will. But my first commitment to you is to strengthen what we already have and to position your state Medical Society to better serve the citizens of North Carolina as well as the North Carolina Medical Society membership.

Thank you again for the privilege of serving you as President this coming year. Please feel free to let me hear from you, in any way you wish, and about any concern you have. I need your guidance and your support. ■

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Address of the Outgoing Auxiliary President

to the North Carolina Medical Society House of Delegates

Pamela Sacco

If you have ever thought that the role the Auxiliary plays in medicine is a small one, that if we did not have an organization we would never be missed, consider that last year Auxilians implemented more than 200 health education programs and services in communities across North Carolina — programs that helped the public realize that physicians' families *care* about the people who live there.

Auxiliary Programs

Twenty-four programs for older Americans, including day care, education/social programs, friendly visiting, hospice, and meal programs.

Twenty-five programs for children and youth, including adolescent pregnancy, child abuse education and intervention, birth defects, and day care.

Forty-five community health programs, including blood donation, cancer education, school health education, AIDS education, screening, and nutrition.

Seventeen community service programs, including health fairs/exhibits, resource guides, and hospital hospitality houses.

Eight family life programs, including parenting, counseling, spouse abuse, and support groups.

Twelve health career programs, including loans and scholarships worth over \$27,000.

Fourteen child safety seat programs.

Twenty-two substance abuse programs, including alcohol, drugs, smoking, and impairment.

In addition, the counties raised more than \$41,000 for the American Medical Association Education and Research Foundation and contributed \$93,000 to community causes.

From the State Student Loan Fund, which grants up to \$2,000 to second-, third-, and fourth-year medical students, we provided \$12,000 in loans to seven students.

Joint ventures with the local county societies, once entirely social with occasional shared speakers, now include: health hotlines, educational workshops, benefit basketball games in which the physicians are the players as well as the cheerleaders, legislative forums and receptions, and even a joint long-range planning committee! These opportunities to involve physicians in their local communities are being created by Auxilians. Although these are achievements in which to take pride, they are only the beginning of what is needed between county medical societies and their auxiliaries to check the problems facing medicine.

I urge you as delegates to share with your county auxiliary the same kind of relationship the NCMSA shares with the NCMS. Members of the Executive Council as well as the headquarters staff offer their expertise, guidance, and services.

In contrast, our survey of county presidents indicates that only 15 make an annual report to their society and fewer than 35% attend their board of directors meetings. The time is right to acknowledge the Auxiliary's contribution by offering them this recognition in your local organizations.

Though we are not physicians, we are a visible segment of the medical profession and all that it stands for. Our neighbors and the general public regard us as such. We hope you do.

I submit that the Auxiliary is a first-class, high-powered, unique organization with a mission which stresses the advocacy of quality healthcare and health education for the people of North Carolina. It is your volunteer arm and it works for you and the communities in North Carolina.

An example is the MED-CARD project, which serves the communication needs among healthcare providers in our increasingly mobile society and in this era of alternative delivery systems. By carrying the MED-CARD in their wallet, patients in North Carolina will carry a complete list of currently taken prescription drugs. Nine county auxiliaries have already adopted this project which was introduced during Mid-Winter Conference.

The Auxiliary's mission also requires a supportive relationship among our members who are actively involved in

From P.O. Box 1086, Hendersonville 28793. This speech was delivered at the 133rd Annual Session of the North Carolina Medical Society, April 1987.

carrying out our programs. To that end we have established, in coalition with you, a Professional Liability Support Group which puts members in touch with physician/spouse "listeners" who have experienced the legal process and the impact of a lawsuit.

I think you will all agree that there is not enough money in the world to buy the kind of public relations that physician's spouses are capable of providing by demonstrating this caring concern in joint efforts.

Shakespeare said, "What is past is prologue." All of

these accomplishments are only the beginning. Our members await the challenge of tomorrow and are ready to become involved. We will not rest until we replace malpractice with gratefulness for longer and healthier lives.

Thank you for the confidence you have offered the Auxiliary by according us the privilege of addressing you today. Our pride comes from our identification with you. No other organization can claim to be a part of your ranks. It has made a difference! ■

TWO NIH CONSENSUS DEVELOPMENT CONFERENCES

Magnetic Resonance Imaging

A Consensus Development Conference on Magnetic Resonance Imaging, sponsored by the NIH Warren Grant Magnuson Clinical Center, Diagnostic Radiology Department and by the NIH Office of Medical Applications of Research, will be held in the Warren Grant Magnuson Clinical Center, National Institutes of Health, Bethesda, MD, October 26-28, 1987.

This open forum will focus on the efficacy of magnetic resonance imaging (MRI). It will address the following questions:

- Are there contraindications to or risks of MRI?
- What are the technological advantages and limitations (disadvantages) of MRI?
- What are the clinical indications for MRI, and how does it compare with other diagnostic modalities?
- What are the directions for future research in MRI?

NIH consensus conferences bring together biomedical investigators, practicing physicians, consumers, and representatives of public interest groups to provide a scientific assessment of drugs, devices, and procedures and to evaluate their safety and effectiveness. On the final day of the meeting, the consensus panel chairperson will read the draft statement before the conference audience and invite comments and questions.

To register for the conference, please contact Sharon Feldman, Prospect Associates, Suite 500, 1801 Rockville Pike, Rockville, MD 20852, 301/468-6555.

Geriatric Assessment Methods for Clinical Decision Making

The National Institute on Aging and the NIH Office of Medical Applications of Research, in collaboration with the National Institute of Mental Health, the Veterans Administration, and the Henry J. Kaiser Family Foundation of Menlo Park, CA, is sponsoring a consensus development conference on geriatric assessment methods for making clinical decisions. It will be held at the National Institutes of Health in Bethesda, MD, on October 19-21, 1987.

The care of older persons is becoming an ever-increasing responsibility for all but a few physicians and other health

care providers. Before practitioners can make reasonable judgments about the best care strategies for each older individual, it is clear that appropriate patient data must be collected.

The type of data and the methods for their collection can affect the outcome of geriatric care, improve the quality of life, and reduce overall health care costs. Because diseases in the older patient may present themselves differently, the geriatrician must conduct the assessment with an eye toward total care. Accurate diagnosis requires information about the person's functional capacity or ability to carry on daily activities. In addition, the health care provider will need to obtain certain data about the individual's social supports, personal resources, and environment. To this end, a body of knowledge is being amassed about the instruments and methodologies of geriatric assessment. Although information relevant to all of the above areas is needed under most circumstances, it is important that health professionals know which techniques are especially useful in one situation or another.

This conference will bring together physicians and other health care professionals with a special interest in geriatric medicine, social scientists, investigators in the area of health services research, and representatives of the public. Following one and a half days of presentations by leaders in the field and discussion by the audience, a consensus panel will weigh the scientific evidence and formulate a draft statement in response to the following questions:

- What are the goals, structure, processes, and elements of assessment for clinical decision making?
- What are the comparative merits of different methods in carrying out geriatric assessment?
- What is the evidence that a geriatric assessment is effective? If an assessment is effective, in what settings, for whom, and for which outcomes?
- Insofar as a geriatric assessment is effective, what linkages to clinical management systems are required?
- What are the priorities for future research in geriatric assessment?

On the final day of the conference, the consensus panel chairman will read the draft statement to the conference audience and invite comments and questions.

To register to attend the conference, please contact Ms. Marti Bernstein, Prospect Associates, 1801 Rockville Pike, Suite 500, Rockville, MD 20852, 301/468-6555.

Address of the Incoming Auxiliary President

to the North Carolina Medical Society Auxiliary

Jacqueline T. Snyder

I accept the challenge and the trust you have placed in me. This year I have discovered a "new dimension" of respect for all our state presidents. It is the past leadership that has set the standards for Auxiliary achievements today. Because each year builds upon previous ones, we will continue to incorporate their goals. We will ensure that the past accomplishments of the Auxiliary are preserved while at the same time initiating new ideas.

The history of the Auxiliary began as friendship and fellowship among physician spouses. It was organized at the recommendation of the president of the House of Delegates of the North Carolina Medical Society. Originally, the Auxiliary was called the Woman's Auxiliary to the Medical Society of the State of North Carolina. On April 18, 1923, Mrs. Paul P. McCain was acting chairman of the organizational meeting, which was held in Asheville. The Constitution and Bylaws were adopted and Sadie McCain of Southern Pines was elected president. The next meeting was held in Raleigh with dues set at \$1 per year. In 1925, although the social side of the Auxiliary was stressed, members began to desire a role of service to the community. To quote from "Medicine in North Carolina," Volume I: "Its members have become knowledgeable citizens, and outstanding leaders in varied fields. Cognizant of state health and welfare needs, the Auxiliary has attempted to reach new heights each year." That was written in 1969. In 1987-88 we will continue to climb the mountains in their footsteps.

My theme for this year is "Climb Every Mountain." Certain landscapes have the power to elevate the soul — you sense you can distinguish again between what is fundamentally important and what is mere frill in your life. There is no longer time for "frill" in Auxiliary life. We must accept the challenge to climb the mountains of revolution in health care and look to the future.

With this view from the mountain top of all the possibilities and potentials of a far-reaching Auxiliary, a unified

voice throughout the state, there is a need to draw our members into a close, supportive organization where spouses have an opportunity to work with their physicians to help medical education in their communities. Remember, "our image is a reflection of our service" (Betty Szewczyk, AMA Auxiliary President-Elect). It isn't always easy to keep up our image as the doctor's wife who is above reproach when we are constantly in the public eye. But we must not forget who we are, where we came from and why we are here. We are varied, we come from many backgrounds, cultures, civilizations, religious beliefs and customs. Yet — we do not fall into the mistake of collective rudeness which can be a crime against our good manners. We do not offend, insult, or intimidate our members by remaining ignorantly and blasé-ly aloof to those differences.

Do you think of yourself in terms of being loyal? Loyalty is an old-fashioned word that can seem outdated in our complex society. Yet never has a principle been more relevant to modern life and to our deepest needs. Loyalty is the quality of being faithful to a person, a belief, or an organization. Like love, loyalty enlarges and enriches both those who give it and those who receive it. Loyalty requires you to know what your values are. Loyalty asks you to stand up for what you believe in.

I need the help of everyone with loyalty and pride to make NCMS Auxiliary the best Auxiliary. This has been called a decade with no signature — the pervading factor has been change. I believe we are going to see even more dramatic changes in the next few years, not only in medicine, but also in Auxiliary. Keep in mind though, that without change, there is no growth — without growth, we start to die. Over the years every Auxiliary article across the nation has discussed challenges to be faced and changes to be coped with, but we have lived and changed with them. The dream of Auxiliary is not going to die with us because of these changes — it will continue with us as we climb those mountains. "We must see that the challenges that confront us on every hand do not erode the traditions we hold dear, but rather, that we see those challenges as the means through which our unified efforts become more rel-

From 378-A Pine Ridge Drive, Whispering Pines 28327. This speech was delivered at the 64th Annual Convention of the North Carolina Medical Society Auxiliary, May 1987.

evant to our times and more effective for those people we seek to serve" (Mary Kay McPhee, Immediate Past President, AMA Auxiliary).

We must continue with the NCMS Auxiliary initiatives for health in aging, substance abuse, human abuse, parenting, adolescents, legislation, smokeless tobacco and health care costs. Our physician spouses are expected to produce the impossible, but when the problem is not solved then the public concludes it must have been negligence or malpractice. We will continue to work to enhance the physician image and change the public image of medicine. We will work closely with our medical societies and become knowledgeable about changing health care. In legislation, we must help to pass tort reform so this crisis will not change medical care as we know it today. We must also create avenues of support for those whose spouses are involved in malpractice litigation. We will increase our AMA-ERF and state student loan efforts to raise funds for medical students and schools.

Since one-third of the medical school graduates are women, we can no longer tailor our membership programs to women, but will target male spouses as well. With one-fourth of the physician families working outside the home, we will have meaningful programs for the career spouse. We will continue special support to resident physician spouses and encouragement of members-at-large. We best serve the 35-45 age group, so now we need to place special emphasis on spouses of retired physicians and widows. We will encourage all these levels of membership because in this age of competition, we must make Auxiliary so prestigious that people will look forward to joining it as their main priority. We have the potential of being the very top of the line among the effective volunteer networks in place today.

With the mountain of change there will be an increasing number of community health areas which will need volunteer efforts to bridge the gaps from federal spending. These are the health services and areas of concern targeted for 1987-88.

1 AIDS education: Aids has continued to grow as a major public health problem. In cooperation with the medical societies, we will be involved in an AIDS health education program.

2 Substance abuse: *Smokeless Tobacco.* We will actively support programs which educate the public, especially youth, about the danger of using smokeless tobacco. "*Crack.*" We will raise the awareness level about the growing use of cocaine in the Carolinas. For years, cocaine has been the "drug of choice" for the social and moneyed elite, but "crack" has now invaded all segments of our society.

3 Human abuse: *The shaking shocker.* Medical studies and statistical evidence give witness to the severity of damage caused by shaking or throwing a child in the air. We will provide education on child whiplash syndrome or brain trauma. (This is not necessarily a case of abuse, but may be done in ignorance by those who are unaware of these serious consequences.)

4 Aging: *Suicide of the elderly.* Elderly Americans take their lives far more often than adolescents, and their suicide rate is more than 50% above that of the general population.

5 Impairment: *The physician spouse.* Alcohol, marijuana, and cocaine are the primary drugs that affect all homes — including the physician spouse in the medical family. In this time of stress within the medical community, we will emphasize the concept of auxiliary as a support group.

NCMS Auxiliary has concerned itself with many valuable health issues in the past, and all of them remain vital to the good health of our country's population. Since one program or project may not be enough to reinforce an issue, nor will everyone be reached at first, we must continue to educate community members about all of these ongoing health problems. We do not discard viable programs, but each year we offer resource material or additional areas so that the Auxiliary will always be in the forefront of current needs and trends.

I know that the definition of a good speech is a beginning and a conclusion — not too far apart. I will close with a reminder of one of our Auxiliary concepts. When Edmund Hillary and native guide, Tenzing, climbed Mount Everest, Hillary suddenly lost his footing. Tenzing held the line taut and kept them both from falling by digging his axe into the ice. Later, Tenzing refused any credit for saving Hillary's life. As he put it: "Mountain climbers always help each other." Should we be any different? ■

PHYSICIANS, SCHEDULE SOME TIME FOR YOUR COUNTRY.

Many physicians would like to devote some time to their country in a local Army Reserve unit. We know that making a weekend commitment can be difficult for most physicians. So it is practical for the Army Reserve units to be flexible about time. It's worth discussing.

Incidentally, in addition to satisfying your own desire to serve your country, there are exceptional opportunities to do something totally different from a day-to-day routine. Opportunities to study new areas of medicine, meet new people in your specialty, and be a part of one of the world's most advanced medical teams.

Discuss the opportunities with our Army Medical Personnel Counselor.

FOR SURGEONS LOOKING FOR A CHALLENGE.

Your challenge could be the Army Reserve unit near you. It's a unit that requires the services of surgeons.

You may wish to explore the challenge of teaching in a major medical center. You may wish to explore the special challenges of your specialty in triage. Certainly you'll be confronted by challenges very different from your daily routine.

You'll also have an opportunity to participate in a number of programs in which you'll be able to exchange views and information with other surgeons from all over the country.

The Army Reserve understands the time demands on a busy physician, so you can count on us to be totally flexible in making time for you to share your specialty with your country. We'll arrange your training program to work with your practice.

To find out about the benefits of serving with a nearby Army Reserve unit, we recommend you call our Army Medical Personnel Counselor.

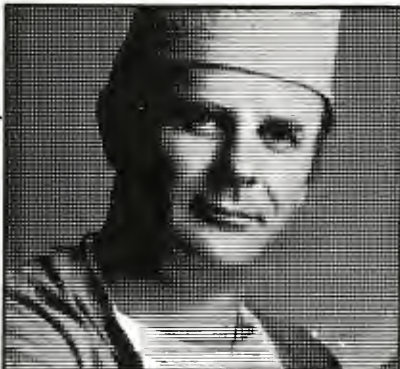
PHYSICIANS, THERE ARE TWO KINDS OF FLEXIBILITY IN THE ARMY RESERVE WE THINK YOU'LL LIKE.

One, time. We know how tough it is for a busy physician to make weekend time commitments. So we offer flexible training programs that allow a physician to share some time with his or her country. We arrange a schedule to suit your requirements.

Two, the opportunity to explore other phases of medicine, to add a different kind of knowledge—the challenge of military health care. It's a flexibility which could prove to be both stimulating and rewarding, with the opportunity to participate in a variety of programs that can put you in contact with medical leaders from all over the country.

See how flexible we can be, call our Army Medical Personnel Counselor.

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BE ALL YOU CAN BE.**



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What he will get is a highly challenging, highly rewarding experience. The Army offers varied assignments, chances to specialize, or further your education, and to work with a team of dedicated health care professionals. Plus a generous benefits package.

If you're interested in practicing high quality health care with a minimum of administrative burdens, examine Army medicine. Talk to your local Army Medical Department Counselor for more information.

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Army Reserve Medicine
2634 Chapel Hill Blvd.
Suite 205
Durham, NC 27707
Call collect: (919) 493-1364



Letters to the Editor

Internist's Lament

To the Editor:

For as long as I can remember, there has been a problem in allowing terminal or elderly patients to die with dignity in a hospital. I am not sure that recent legislation has helped much. Unless I am misinformed, legislation was supposed to make it easier to die in the hospital when hope was lost. I feel that our hospitals have interpreted the law in a manner that protects themselves rather than the patients' dignity. I am not certain that protection [of hospitals] is necessary. I realize that we need rules and policies, but I sometimes think that rules lack common sense.

Let me clarify with examples. Dr. _____ tells me that at one time he was asked to return to the hospital at night to write an order that specifically stated "No Code." The words "do not resuscitate" were not sufficient. I have had the same experience. This week I was called by a nursing supervisor to come in to the hospital and rewrite a "No Code" order. An appropriate "No Code" was written when the patient was in the Intensive Care Unit. The supervisor stated that it was "hospital policy" to rewrite a "No Code" order after the patient was transferred to the floor. I am sure that most Internists have witnessed the deterioration of an elderly patient in the middle of the night and were required by "hospital policy" to come in and write the "No Code" order. No verbal orders would be allowed. The elderly patient dying of cancer would be coded if he [the doctor] did not personally come in and write the order.

I wonder if our legislators really intended for the law to be interpreted so rigidly. Is the hospital's concern about legal protection by a hand-written order valid? Is there really legal precedent for this concern? Do all hospitals interpret the state legislation as rigidly as ours? Have we really provided the patient with greater dignity or have we created a bureaucratic nightmare that decreases rapport between the nursing staff and medical staff?

It is this Internist's feeling that something is wrong when "hospital policy" supersedes all good common medical sense. Physicians used to be adept at cutting through the red tape and eliminating the depersonalization of health care. I feel that we should change hospital dictums that run contrary to common sense. How do we do so?

David B. Gilbert, M.D.
1756 Metromedical Dr.
Fayetteville 28304

A comment on Fort and Grigg's article

To the Editor:

The paper on carbon monoxide (CO) poisoning by Fort and Griggs (Carbon Monoxide Poisoning in North Carolina

1987;48:317-21) is important because of the prevalence of the problem. The paper is useful for the lay person, however, I think several points should be made for the benefit of medical people who may use this as a reference.

As mentioned, carbon monoxide certainly binds to hemoglobin, but of more importance is the fact that it also binds to other iron-containing proteins such as myoglobin and the cytochromes. Even very high carboxyhemoglobin (COHb) levels do not usually produce serious morbidity, but the principle toxic effects of CO result from its attachment to cytochrome A3 in the cell mitochondria. In humans about 15% of the body store of CO will be found outside the vascular system and the CO which is physically dissolved in the blood is more important than absolute COHb levels.

It is very difficult to accurately assess the severity of carbon monoxide poisoning. The table of COHb levels and effects as presented by the authors has been in the literature for many years. However, there is no correlation between symptoms, severity of exposure and levels of carboxyhemoglobin. A long exposure to low levels of carbon monoxide may be more harmful than a short exposure to high levels. A patient with a level below 20% may be comatose while another patient with a level close to 50% is unimpaired. COHb levels when obtained after a delay or treatment with oxygen may be normal and not reflect the true insult.

The decision about diagnosis depends on observation and physical evaluation of the patient. The patient should be treated according to clinical status. If a hyperbaric facility is readily available it should be utilized. Even mildly poisoned patients will gain significant relief. Due to the enhanced vulnerability of the fetus, treatment for the pregnant patient should be liberal. The criteria for treatment following carbon monoxide exposure are simple. Any degree of cerebral obtundation (may be subtle) and/or a carboxyhemoglobin level greater than 20% warrants immediate treatment with hyperbaric oxygen. Remember that if the patient has been receiving oxygen, the half-life of CO is reduced and the carboxyhemoglobin level may give a false impression. It cannot be overemphasized that a COHb value within normal limits does not rule out a significant case of CO poisoning.

Hyperbaric oxygen treatment of carbon monoxide poisoning immediately corrects tissue hypoxia, increases the rate of carbon monoxide elimination from the body, and provides a beneficial effect on cerebral edema. The common opinion that a patient having survived exposure to carbon monoxide has a good prognosis is invalid and should not discourage consideration for optimum therapy. Hyperbaric oxygen may prevent long rehabilitation and serious sequelae.

Emergency consultation may be obtained by calling 919/684-8111 at Duke University Medical Center and asking for the Divers Alert Network (DAN) hyperbaric physician on call. DAN maintains liaison with all the active hyperbaric chambers in North America and the Caribbean and can arrange referral regardless of the patient's location.

G. Yancey Mebane, M.D.

Assistant Professor of Community and Family Medicine
Medical Director, Divers Alert Network
P.O. Box 3823
Duke University Medical Center
Durham 27710

Reference: Myers RAM, Linberg SE, Cowley RA. Carbon monoxide poisoning: the injury and its treatment. JACEP 1979;8:479-84.

A comment on the article by Dr. Aluise et al.

To the Editor:

An article which appeared in the June issue of the Journal, "Implications for Fee-for-Service Practices Affiliated with Independent Practice Associations" (Aluise JJ, Bradley D, Zelman B, 48:334-8), listed several sources of information for physicians who are considering contracting with HMOs. I would like to acquaint your readers with another — Medical Advocacy Services, Inc. (MASI), a subsidiary of the

American Society of Internal Medicine. MASI was organized in January 1986 to provide contract analysis and negotiation assistance to physicians of all specialties. To date, we have analyzed contracts for physicians in 37 states.

Common problems found by MASI in physician contracts include ambiguous clauses regarding turnaround time for payment of claims; references to policies and procedures that are not included as part of the contract but with which the physician is expected to comply; and clauses which allow for arbitrary termination of physicians or commit physicians to outstanding obligations after their participation in the plan has ended. A careful evaluation of the legal and practical implications of participation in a particular plan frequently reveals that it is not a good deal from the physician's standpoint or that certain changes should be made in the contract in order to strengthen the physician's position vis-a-vis the health plan.

Physicians interested in more information about the services available through MASI can write or call: Medical Advocacy Services, Inc., 1101 Vermont Avenue, NW, Suite 500, Washington, DC 20005; 202/289-0027 (collect).

Joseph F. Boyle, M.D.

President

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September 10

Second Annual Gerontology Conference

Place: Chapel Hill

Fee: \$42

Info: Continuing Ed. Program, UNC-CH School of Nursing, Carrington Hall 214H, Chapel Hill 27514. 919/966-3638

September 20-23

Basic Clinical Teaching Skills

Place: Rougemont

Credit: 20 hours Category I AMA, AAFP

Info: Cindi Easterling, Office of CME, Box 3108 DUMC, Durham 27710, 919/684-6878

September 21

Diagnostic Ultrasound: Physics

Place: Winston-Salem

Credit: 7 hours Category I AMA

Info: Registrar, Ultrasound Center, Bowman Gray School of Medicine, 300 S. Hawthorne Rd. Winston-Salem 27103. 919/748-4505

September 22-23

Ninth Annual Health Law Forum. Alternative Delivery Systems: Immediate Impact on Physicians and Hospitals

Place: Greenville

Credit: 7 hours Category I AMA

Fee: \$125

Info: Office of CME, ECV, P.O. Box 7224, Greenville 27835-7224. 919/551-5200

September 22-25

Diagnostic Ultrasound: Obstetrics
 Place: Winston-Salem
 Credit: 7 hours Category I AMA per day
 Info: Registrar, Ultrasound Center, Bowman Gray School of Medicine, 300 S. Hawthorne Rd. Winston-Salem 27103. 919/748-4505

September 25-26

Nutrition Support Update 1987 — A Multidisciplinary Symposium
 Place: Wilmington
 Credit: 9 hours Category I AMA
 Info: Mary C. Valand, MSW, ACSW, Office of CME, ECU, P.O. Box 7224, Greenville 27835-7224. 919/551-5200

September 25-26

Topics in Geriatrics
 Place: Winston-Salem
 Fee: \$100
 Info: Emery C. Miller, M.D., Division of Continuing Education, Bowman Gray School of Medicine, 300 S. Hawthorne Dr., Winston-Salem 27103. 919/748-4450

September 25-26

Advanced Cardiac Life Support Provider Course
 Place: Asheville
 Credit: 16 hours Category I AMA, ACEP, AAFP
 Fee: \$200
 Info: Daniel L. Dolan, M.D. MAHEC, 501 Biltmore Ave., Asheville 28801-4686. 704/257-4468

September 28-October 2

Diagnostic Ultrasound: General
 Place: Winston-Salem
 Credit: 7 hours Category I AMA per day
 Info: Registrar, Ultrasound Center, Bowman Gray School of Medicine, 300 S. Hawthorne Rd. Winston-Salem 27103. 919/748-4505

September 30

First Annual Down East Dermatology Day
 Place: Greenville
 Credit: 6 1/4 hours Category I AMA, 6 1/4 hours AAFP
 Info: Mary C. Valand, MSW, ACSW, Office of CME, ECU, P.O. Box 7224, Greenville 27835-7224. 919/551-5200

October 4-6

Fifth Symposium on Breast Disease
 Place: Winston-Salem
 Fee: \$365
 Info: Emery C. Miller, M.D., Division of Continuing Education, Bowman Gray School of Medicine, 300 S. Hawthorne Dr., Winston-Salem 27103. 919/748-4450

October 9

Cardiac Arrhythmia Symposium
 Place: Greenville
 Credit: 6.5 hours Category I AMA
 Info: Mary C. Valand, MSW, ACSW, Office of CME, ECU, P.O. Box 7224, Greenville 27835-7224. 919/551-5200

October 12-16

Diagnostic Ultrasound: Neurosonology
 Place: Winston-Salem
 Credit: 7 hours Category I AMA per day
 Info: Registrar, Ultrasound Center, Bowman Gray School of Medicine, 300 S. Hawthorne Rd. Winston-Salem 27103. 919/748-4505

October 14-18

NCAFP Annual Scientific Assembly
 Place: Asheville
 Credit: 18 hours AAFP
 Info: Paula Baker, Meeting Coordinator, North Carolina Academy of Family Physicians, P.O. Box 18469, Raleigh 27619. 919/781-6467

October 18-19

Endoscopy and Esophageal Strictures
 Place: Research Triangle Park
 Credit: 10 hours Category I AMA
 Info: Dr. Peter B. Cotton, 919/684-3341

October 19-21

Diagnostic Ultrasound: Arterial & Venous Doppler
 Place: Winston-Salem
 Credit: 7 hours Category I AMA per day
 Info: Registrar, Ultrasound Center, Bowman Gray School of Medicine, 300 S. Hawthorne Rd. Winston-Salem 27103. 919/748-4505

October 20

Men & Reproductive Health — A Shared Responsibility Conference
 Place: Durham
 Info: Karen Price, Director of Education, Planned Parenthood of Orange County, P.O. Box 3258, Chapel Hill 27514. 919/929-5402

October 22-23

Diagnostic Ultrasound: Urology
 Place: Winston-Salem
 Credit: 7 hours Category I AMA per day
 Info: Registrar, Ultrasound Center, Bowman Gray School of Medicine, 300 S. Hawthorne Rd. Winston-Salem 27103. 919/748-4505

October 23

Dean's CME Program: Excellence in Medical Education
 Place: Greenville
 Credit: 6 to 7 hours Category I AMA
 Info: Mary C. Valand, MSW, ACSW, Office of CME, ECU, P.O. Box 7224, Greenville 27835-7224. 919/551-5200

October 26-30

Diagnostic Ultrasound: Echocardiography
 Place: Winston-Salem
 Credit: 7 hours Category I AMA per day
 Info: Registrar, Ultrasound Center, Bowman Gray School of Medicine, 300 S. Hawthorne Rd. Winston-Salem 27103. 919/748-4505

October 28-29

5th Annual Stroke Rehabilitation Symposium
 Place: Chapel Hill
 Info: Martha McLamb or John Bierma, Wake AHEC, 919/755-8295

October 30-31

Lasers in Gynecology
 Place: Greenville
 Credit: 14.5 Hours Category I AMA
 Info: Mary C. Valand, MSW, ACSW, Office of CME, ECU, P.O. Box 7224, Greenville 27835-7224. 919/551-5200

October 30-31

Advances in NonSurgical Therapy of Biliary Calculi
 Place: Winston-Salem
 Info: Emery C. Miller, M.D., Division of Continuing Education, Bowman Gray School of Medicine, 300 S. Hawthorne Dr., Winston-Salem 27103. 919/748-4450

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Warnings: Warn patients that mental and/or physical abilities required for tasks such as driving or operating machinery may be impaired, as may be mental alertness in children, and that concomitant use with alcohol or CNS depressants may have an additive effect. Though physical and psychological dependence have rarely been reported on recommended doses, use caution in administering to addiction-prone individuals or those who might increase dosage. Withdrawal symptoms (including convulsions) reported after abrupt cessation of extended use of excessive doses are similar to those seen with barbiturates. Milder symptoms reported infrequently when continuous therapy is abruptly ended. Avoid abrupt discontinuation; gradually taper dosage.

Usage in Pregnancy: Use of minor tranquilizers during the first trimester should almost always be avoided because of increased risk of congenital malformations as suggested in several studies. Consider possibility of pregnancy when instituting therapy; advise patients to discuss therapy if they intend to or do become pregnant.

Precautions: In the elderly and debilitated, and in children over six, limit to smallest effective dosage (initially 10 mg or less per day) to preclude ataxia or oversedation, increasing gradually as needed and tolerated. Not recommended in children under six. Though generally not recommended, if combination therapy with other psychotropics seems indicated, carefully consider individual pharmacologic effects, particularly in use of potentiating drugs such as MAO inhibitors and phenothiazines. Observe usual precautions in presence of impaired renal or hepatic function. Paradoxical reactions (e.g., excitement, stimulation and acute rage) have been reported in psychiatric patients and hyperactive aggressive children. Employ usual precautions in treatment of anxiety states with evidence of impending depression; suicidal tendencies may be present and protective measures necessary. Variable effects on blood coagulation have been reported very rarely in patients receiving the drug and oral anticoagulants; causal relationship has not been established clinically. Due to isolated reports of exacerbation, use with caution in patients with porphyria.

Adverse Reactions: Drowsiness, ataxia and confusion may occur, especially in the elderly and debilitated. These are reversible in most instances by proper dosage adjustment, but are also occasionally observed at the lower dosage ranges. In a few instances syncope has been reported. Also encountered are isolated instances of skin eruptions, edema, minor menstrual irregularities, nausea and constipation, extrapyramidal symptoms, increased and decreased libido—all infrequent and generally controlled with dosage reduction; changes in EEG patterns (low-voltage fast activity) may appear during and after treatment; blood dyscrasias (including agranulocytosis), jaundice and hepatic dysfunction have been reported occasionally, making periodic blood counts and liver function tests advisable during protracted therapy.

Usual Daily Dosage: Individualize for maximum beneficial effects. *Oral—Adults:* Mild and moderate anxiety disorders and symptoms, 5 or 10 mg t.i.d. or q.i.d.; severe states, 20 or 25 mg t.i.d. or q.i.d. *Geriatric patients:* 5 mg b.i.d. to q.i.d. (See Precautions).

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But what you'll appreciate most about The Med-Care System is its simplicity. A basic knowledge of bookkeeping, billing, and insurance claim procedures is all the experience you need.

A Complete Management System Designed in Cooperation with Medical Professionals.

The reason for The Med-Care System's superior performance and simple operation is that we designed it in cooperation with the medical industry, not just systems programmers, but physicians, medical accountants and medical office managers — people with the real knowledge and understanding of medical office management.

Unless you have an insight into computers and software, selecting the right system as well as the proper support and training can be a difficult, time-consuming and very expensive experience. To make things easier on you, The Med-Care System was developed as a complete system. Everything you need — software, hardware, training and support — is included.

The Med-Care System comes complete with the Medical Office Management Program, Texas Instruments Micro or Mini System Computer with multiple work stations, printers and high capacity disk drives. Each system is tailored to the specific needs of your practice. And as your practice grows, Med-Care is flexible enough to grow with you.

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RESEARCH ASSOCIATE PROFESSOR - The Cardiology Division of the School of Medicine at The University of North Carolina at Chapel Hill is seeking a full-time fixed term faculty member at the Research Associate Professor level. Requirements: M.D. degree, Board certified or Board eligible in Internal Medicine and Cardiology; extensive experience and demonstrated expertise in the areas of cardiovascular epidemiology, exercise physiology, and cardiac rehabilitation; extensive research experience, including clinical trials, with national and/or international recognition in these areas. This is a one-year appointment with the possibility of renewal. Interested individuals should send a CV to David S. Sheps, M.D., Chairman, Search Committee, Division of Cardiology, 349 Burnett-Womack Building 229H, Chapel Hill, NC 27514. The University of North Carolina is an equal opportunity/affirmative action employer and encourages ap-

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NEED: Associate to practice at well-established medical office of allergy. Will accept those with training in Pediatric, Family, or Internal Medicine — willing to train the right person. Board certification not required. Please send replies to: Dr. Claude A. Frazier, M.D., 4C Doctors Park, Asheville, NC 28801.

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FAMILY PRACTITIONER NEEDED FOR PARTNERSHIP OR ASSOCIATE PRACTICE IN A PROGRESSIVE COMMUNITY in Mooresville NC, near beautiful Lake Norman. Guaranteed income plus benefits. Please send C.V. to: Richard Blackburn, Executive Director, Lake Norman Regional Medical Center, P.O. Box 360, Mooresville, NC, 28115. 704/663-1113.

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- Dramatic first-week reduction in somatic complaints²

% Reduction in Somatic Symptoms²

Vomiting	Nausea	Headache	Anorexia	Constipation
Reduced 90%	Reduced 86%	Reduced 72%	Reduced 62%	Reduced 60%

- Only 1/3 the dropout rate due to side effects of amitriptyline alone, although the incidence of side effects is similar¹

Caution patients about the combined effects of Limbitrol with alcohol or other CNS depressants and about activities requiring complete mental alertness, such as operating machinery or driving a car. In general, limit dosage to the lowest effective amount in elderly patients.

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In moderate depression
and anxiety

Limbitrol[®]

Each tablet contains 5 mg chlordiazepoxide and 12.5 mg amitriptyline (as the hydrochloride salt) ^(IV)

Limbitrol DS[®]

Each tablet contains 10 mg chlordiazepoxide and 25 mg amitriptyline (as the hydrochloride salt) ^(IV)

References: 1. Feighner JP, et al. *Psychopharmacology* 61: 217-225, Mar 22, 1979. 2. Data on file, Hoffmann-La Roche Inc., Nutley, NJ

Limbitrol[®] ^(IV) Tranquilizer—Antidepressant

Before prescribing, please consult complete product information, a summary of which follows:

Indications: Relief of moderate to severe depression associated with moderate to severe anxiety.
Contraindications: Known hypersensitivity to benzodiazepines or tricyclic antidepressants. Do not use with monoamine oxidase (MAO) inhibitors or within 14 days following discontinuation of MAO inhibitors since hyperpyretic crises, severe convulsions and deaths have occurred with concomitant use, then initiate cautiously, gradually increasing dosage until optimal response is achieved. Contraindicated during acute recovery phase following myocardial infarction.

Warnings: Use with great care in patients with history of urinary retention or angle-closure glaucoma. Severe constipation may occur in patients taking tricyclic antidepressants and anticholinergic-type drugs. Closely supervise cardiovascular patients (Arrhythmias, sinus tachycardia and prolongation of conduction time reported with use of tricyclic antidepressants, especially high doses. Myocardial infarction and stroke reported with use of this class of drugs.) Caution patients about possible combined effects with alcohol and other CNS depressants and against hazardous occupations requiring complete mental alertness (e.g., operating machinery, driving).

Usage in Pregnancy: Use of minor tranquilizers during the first trimester should almost always be avoided because of increased risk of congenital malformations as suggested in several studies. Consider possibility of pregnancy when instituting therapy; advise patients to discuss therapy if they intend to or do become pregnant.

Since physical and psychological dependence to chlordiazepoxide have been reported rarely, use caution in administering Limbitrol to addiction-prone individuals or those who might increase dosage, withdrawal symptoms following discontinuation of either component alone have been reported (nausea, headache and malaise for amitriptyline, symptoms [including convulsions] similar to those of barbiturate withdrawal for chlordiazepoxide).

Precautions: Use with caution in patients with a history of seizures, in hyperthyroid patients or those on thyroid medication, and in patients with impaired renal or hepatic function. Because of the possibility of suicide in depressed patients, do not permit easy access to large quantities in these patients. Periodic liver function tests and blood counts are recommended during prolonged treatment. Amitriptyline component may block action of guanethidine or similar antihypertensives. When tricyclic antidepressants are used concomitantly with cimetidine (Tagamet), clinically significant effects have been reported involving delayed elimination and increasing steady state concentrations of the tricyclic drugs. Concomitant use of Limbitrol with other psychotropic drugs has not been evaluated, sedative effects may be additive. Discontinue several days before surgery. Limit concomitant administration of ECT to essential treatment. See Warnings for precautions about pregnancy. Limbitrol should not be taken during the nursing period. Not recommended in children under 12. In the elderly and debilitated, limit to smallest effective dosage to preclude ataxia, oversedation, confusion or anticholinergic effects.

Adverse Reactions: Most frequently reported are those associated with either component alone: drowsiness, dry mouth, constipation, blurred vision, dizziness and bloating. Less frequently occurring

reactions include vivid dreams, impotence, tremor, confusion and nasal congestion. Many depressive symptoms including anorexia, fatigue, weakness, restlessness and lethargy have been reported as side effects of both Limbitrol and amitriptyline. Granulocytopenia, jaundice and hepatic dysfunction have been observed rarely.

The following list includes adverse reactions not reported with Limbitrol but requiring consideration because they have been reported with one or both components or closely related drugs.

Cardiovascular: Hypotension, hypertension, tachycardia, palpitations, myocardial infarction, arrhythmias, heart block, stroke.

Psychiatric: Euphoria, apprehension, poor concentration, delusions, hallucinations, hypomania and increased or decreased libido.

Neurologic: Incoordination, ataxia, numbness, tingling and paresthesias of the extremities, extrapyramidal symptoms, syncope, changes in EEG patterns.

Anticholinergic: Disturbance of accommodation, paralytic ileus, urinary retention, dilatation of urinary tract.

Allergic: Skin rash, urticaria, photosensitization, edema of face and tongue, pruritus.

Hematologic: Bone marrow depression including agranulocytosis, eosinophilia, purpura, thrombocytopenia.

Gastrointestinal: Nausea, epigastric distress, vomiting, anorexia, stomatitis, peculiar taste, diarrhea, block tongue.

Endocrine: Testicular swelling and gynecomastia in the male, breast enlargement, galactorrhea and minor menstrual irregularities in the female, elevation and lowering of blood sugar levels, and syndrome of inappropriate ADH (antidiuretic hormone) secretion.

Other: Headache, weight gain or loss, increased perspiration, urinary frequency, mydriasis, jaundice, alopecia, parotid swelling.

Overdosage: Immediately hospitalize patient suspected of having taken an overdose. Treatment is symptomatic and supportive. IV administration of 1 to 3 mg physostigmine salicylate has been reported to reverse the symptoms of amitriptyline poisoning. See complete product information for manifestation and treatment.

Dosage: Individualize according to symptom severity and patient response. Reduce to smallest effective dosage when satisfactory response is obtained. Larger portion of daily dose may be taken at bedtime. Single h.s. dose may suffice for some patients. Lower dosages are recommended for the elderly. Limbitrol DS (double strength) Tablets, initial dosage of three or four tablets daily in divided doses, increased up to six tablets or decreased to two tablets daily as required. Limbitrol Tablets, initial dosage of three or four tablets daily in divided doses, for patients who do not tolerate higher doses.

How Supplied: Double strength (DS) Tablets, white, film-coated, each containing 10 mg chlordiazepoxide and 25 mg amitriptyline (as the hydrochloride salt); and Tablets, blue, film-coated, each containing 5 mg chlordiazepoxide and 12.5 mg amitriptyline (as the hydrochloride salt). Available in bottles of 100 and 500. Tel-E-Dose[®] packages of 100, Prescription Paks of 50.



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Please see summary of product information on adjacent page.

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October 1987
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Number 10

North Carolina Medical Journal

For Doctors and their Patients

Special Issue:

Breast Cancer

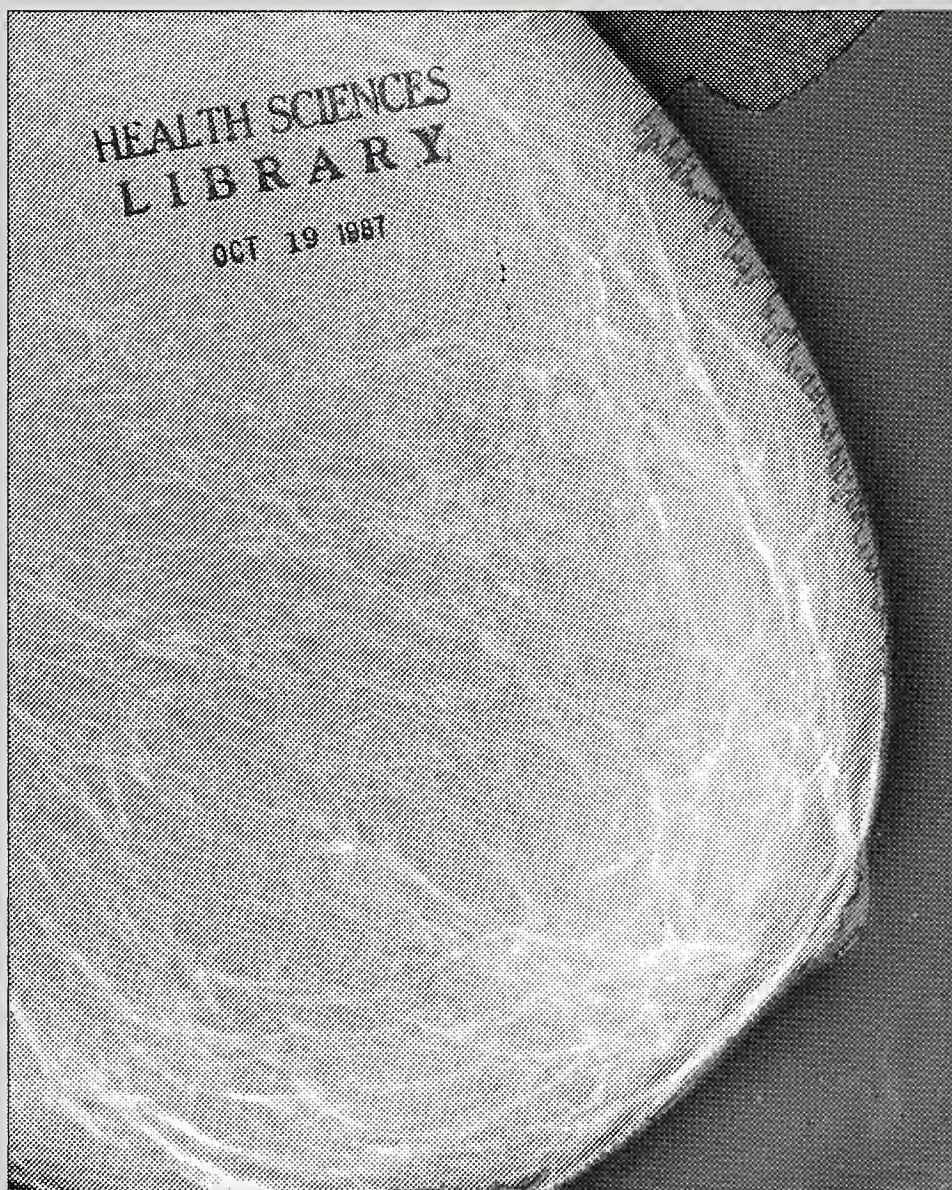
Robert S. Sandler, M.D., M.P.H.
Guest Editor

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For Patients: Early Detection

Breast Cancer Management

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A mammogram showing no evidence of cancer.

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For Doctors and their Patients

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North Carolina Medical Journal

FOR DOCTORS AND THEIR PATIENTS

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About the Guest Editor

Robert S. Sandler, M.D., M.P.H.

Dr. Sandler, Assistant Professor of Medicine and Clinical Assistant Professor of Epidemiology at the University of North Carolina at Chapel Hill, graduated from the Yale University School of Medicine in 1975. He completed training in internal medicine at the George Washington University School of Medicine and in gastroenterology at the University of North Carolina at Chapel Hill. Following completion of his GI fellowship, Dr. Sandler attended the UNC School of Public Health where he received an M.P.H. in epidemiology in 1982. He has been the recipient of a Junior Faculty Clinical Fellowship from the American Cancer Society and a Preventive Oncology Academic Award from the National Cancer Institute. His research interests concern cancer etiology, screening, and prevention, as well as the epidemiology of chronic digestive conditions.

Why is a gastroenterologist the guest editor of an issue on breast cancer? Dr. Sandler has been an active member of the North Carolina Division of the American Cancer Society where he serves as chairman of the Professional Education Committee and as chairman of the ad hoc committee on Breast Cancer Detection Awareness (BCDA). The BCDA committee thought that an excellent way to launch the breast cancer education program in North Carolina would be through the *North Carolina Medical Journal*. As chairman of the BCDA committee, and as someone with a strong commitment to cancer prevention, Dr. Sandler enthusiastically agreed to serve as editor.

Breast Cancer Awareness

Robert S. Sandler, M.D., M.P.H.

This issue of the *North Carolina Medical Journal* is devoted to detection and management of breast cancer. The issue launches a three-year effort by the North Carolina Division of the American Cancer Society to increase breast cancer detection awareness by physicians and the public. The articles, which deal with a broad range of topics, have each been contributed by American Cancer Society volunteers who are involved in the Breast Cancer Detection Awareness Program.

The rationale behind the breast cancer effort is obvious. Breast cancer is distressingly common and frequently fatal. Although some progress has been made in early detection and treatment, the mortality rate is far higher than it should be. If women and their physicians took advantage of currently available diagnostic techniques, the story would be different. There is clear evidence that early detection is associated with prolonged survival and less disfiguring surgery, but most women do not take advantage of opportunities for early detection.

There are several specific steps that we as physicians can take to improve the picture. First, we can emphasize the importance of breast self exams and teach the technique. Most breast cancers are now discovered by women themselves. By learning the technique of breast self exam, women will enable themselves to appreciate the normal characteristics of their breasts and to detect departures from the normal more quickly. The article by Hayes in the "For Patients" section of the *Journal* describes the technique of breast self examination. Second, we can perform more diligent exams ourselves. O'Malley and Fletcher provide some important information about the clinical breast exam. Their most significant message, while not unexpected, is crucial nonetheless — the more time we spend on the examination, the more lesions we detect. While the busy practitioner may find it difficult to spend the time needed, perhaps other health professionals can be recruited for the task. Finally, we should be certain that women take advantage of mammography. As pointed out by Bertrand et al., there are several studies which document the survival advantage conferred by early detection. Most women have not had a mam-

mogram because of concerns about risk, expense and effectiveness. With the current generation of low dose mammography equipment, the falling costs, and the clear improvements in survival with cancers discovered by mammography, these concerns are unfounded.

The American Cancer Society is currently promoting Breast Cancer Detection Awareness, but once a cancer is detected, what can be done for the patient? Several articles in this special issue provide timely information. Newsome outlines some of the factors that dictate current surgical management of breast cancer based on the biology of the disease. In the past, breast cancer inevitably led to mastectomy. We currently understand that less extensive operations are appropriate in many instances. Ferree discusses the important role of radiation therapy in the management of the breast cancer patient, and Bernard reviews the role of chemotherapy. The article by Georgiade et al. on breast reconstruction highlights the potential of plastic surgery to improve the well-being of women who require mastectomy. Finally, Lannin suggests an approach for the follow-up of breast cancer patients. The risk of recurrence does not end after five years as with most other cancers. We might adopt the approach suggested by Lannin to follow these patients.

What about the future? Our most important need at present is to understand the factors which initiate and promote breast cancer. If we had better knowledge of these factors we might be able to prevent the disease. Epidemiologic studies have provided some leads. We now recognize certain of the factors which may increase a woman's risk of cancer. Advanced age, high socioeconomic status, low parity, late age at first live birth and positive family history all appear to be consistently associated with increased risk. Unfortunately these are not powerful risk factors and most cannot be modified. Several recent studies have suggested that alcohol may increase a woman's risk of breast cancer. Women with other risk factors should be encouraged to limit their alcohol use. Studies of other dietary components, especially fat, have had mixed results that prevent us from making firm recommendations. We obviously need more studies including those which link epidemiology with molecular biology.

It is difficult to speculate about how changes in technology will affect our ability to detect breast cancer in the future. Newer modalities may further lower the size limit for detection, diminish (or eliminate) the radiation hazard,

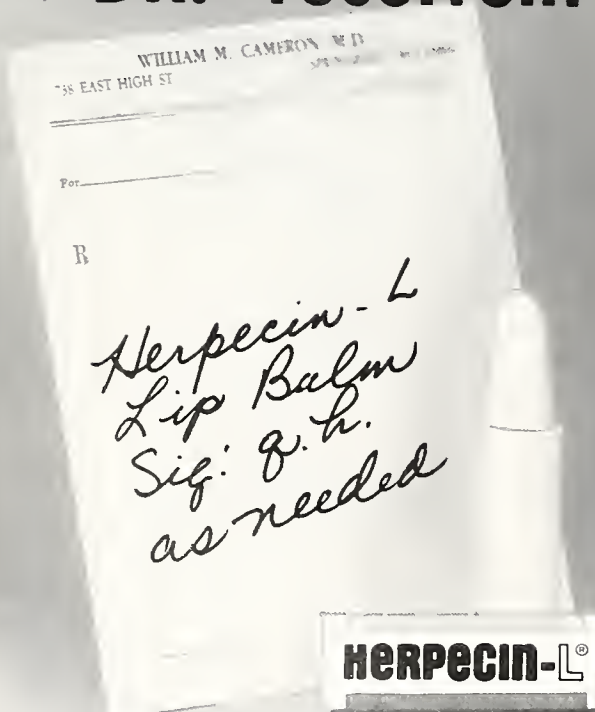
From Departments of Medicine and Epidemiology, University of North Carolina, Chapel Hill 27514.

and better differentiate benign from malignant disease. Changes in the structure of breast diagnostic clinics may also improve our ability to detect breast cancer in a cost-effective manner. Perhaps hospitals and practitioners will establish "one-stop" facilities where women can take advantage of inexpensive state-of-the-art detection equipment and the means for biopsy sampling of suspicious lesions.

For the present, we need to encourage women to partic-

ipate in breast cancer detection programs. They need to be aware of the importance of the three complementary techniques for early detection — breast self exam, clinical breast exam by a health professional, and mammography. The efforts of the American Cancer Society and the generosity of the editor of the *North Carolina Medical Journal* in providing this forum should be acknowledged and appreciated. ■

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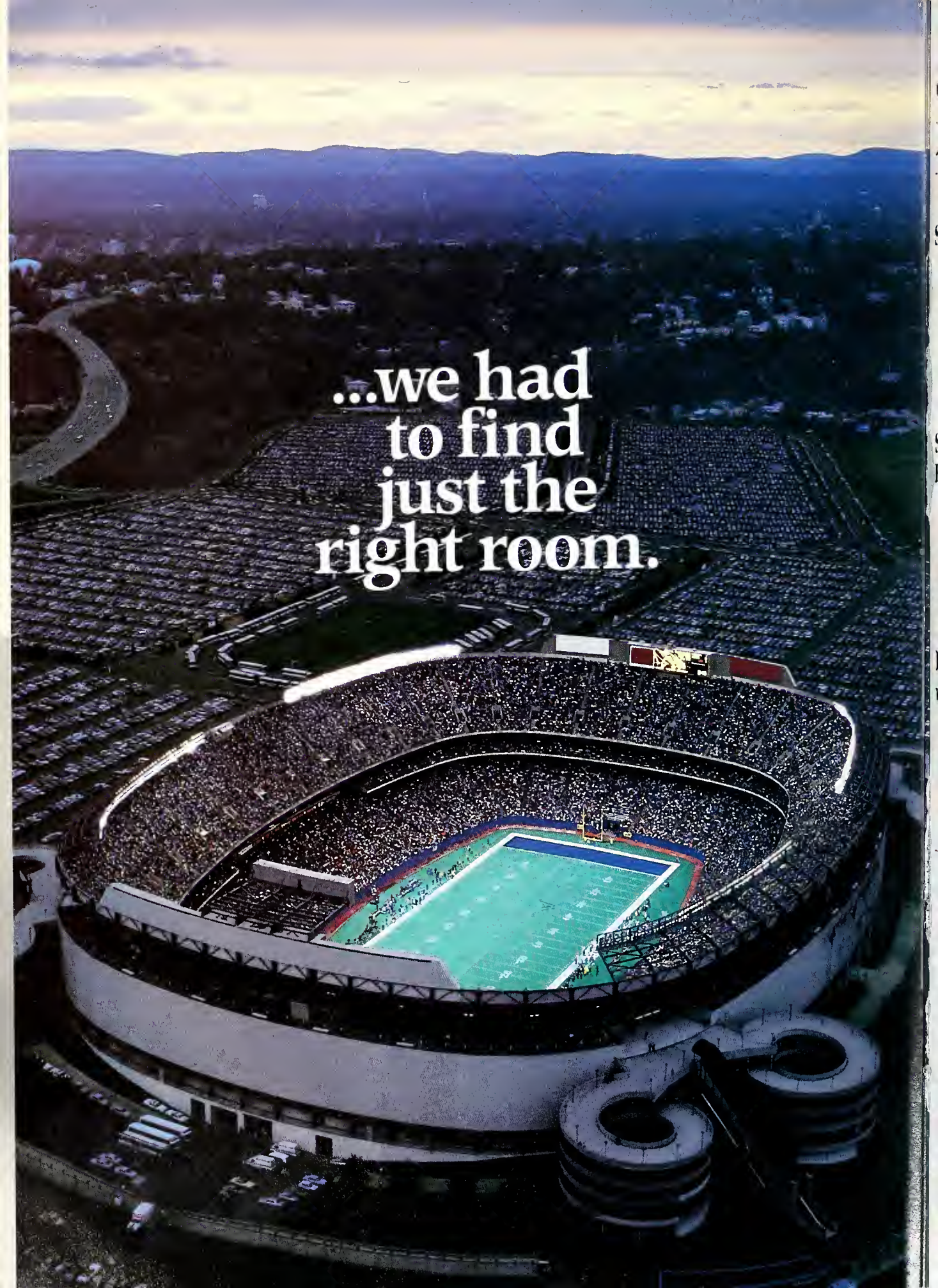
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DESCRIPTION. INDERAL LA is formulated to provide a sustained release of propranolol hydrochloride. INDERAL LA is available as 60 mg, 80 mg, 120 mg and 160 mg capsules.

CLINICAL PHARMACOLOGY. INDERAL is a nonselective, beta-adrenergic receptor-blocking agent possessing no other autonomic nervous system activity. It specifically competes with beta-adrenergic receptor-stimulating agents for available receptor sites. When access to beta-receptor sites is blocked by INDERAL, the chronotropic, inotropic, and vasodilator responses to beta-adrenergic stimulation are decreased proportionately.

INDERAL LA Capsules (60, 80, 120, and 160 mg) release propranolol HCl at a controlled and predictable rate. Peak blood levels following dosing with INDERAL LA occur at about 6 hours and the apparent plasma half-life is about 10 hours. When measured at steady state over a 24-hour period the areas under the propranolol plasma concentration-time curve (AUCs) for the capsules are approximately 60% to 65% of the AUCs for a comparable divided daily dose of INDERAL Tablets. The lower AUCs for the capsules are due to greater hepatic metabolism of propranolol resulting from the slower rate of absorption of propranolol. Over a twenty-four (24) hour period, blood levels are fairly constant for about twelve (12) hours then decline exponentially.

INDERAL LA should not be considered a simple mg-for-mg substitute for conventional propranolol and the blood levels achieved do not match (are lower than) those of two to four times daily dosing with the same dose. When changing to INDERAL LA from conventional propranolol, a possible need for retitration upwards should be considered especially to maintain effectiveness at the end of the dosing interval. In most clinical settings, however, such as hypertension or angina where there is little correlation between plasma levels and clinical effect, INDERAL LA has been therapeutically equivalent to the same mg dose of conventional INDERAL as assessed by 24-hour effects on blood pressure and on 24-hour exercise responses of heart rate, systolic pressure and rate pressure product. INDERAL LA can provide effective beta blockade for a 24-hour period.

INDICATIONS AND USAGE. **Hypertension:** INDERAL LA is indicated in the management of hypertension. It may be used alone or used in combination with other antihypertensive agents, particularly a thiazide diuretic. INDERAL LA is not indicated in the management of hypertensive emergencies.

Angina Pectoris Due to Coronary Atherosclerosis: INDERAL LA is indicated for the long-term management of patients with angina pectoris.

Migraine: INDERAL LA is indicated for the prophylaxis of common migraine headache. The efficacy of propranolol in the treatment of a migraine attack that has started has not been established and propranolol is not indicated for such use.

Hypertrophic Subaortic Stenosis: INDERAL LA is useful in the management of hypertrophic subaortic stenosis, especially for treatment of exertional or other stress-induced angina, palpitations, and syncope. INDERAL LA also improves exercise performance. The effectiveness of propranolol hydrochloride in this disease appears to be due to a reduction of the elevated outflow pressure gradient which is exacerbated by beta-receptor stimulation. Clinical improvement may be temporary.

CONTRAINDICATIONS. INDERAL is contraindicated in 1) cardiogenic shock, 2) sinus bradycardia and greater than first-degree block, 3) bronchial asthma, 4) congestive heart failure (see WARNINGS) unless the failure is secondary to a tachyarrhythmia treatable with INDERAL.

WARNINGS. **CARDIAC FAILURE.** Sympathetic stimulation may be a vital component supporting circulatory function in patients with congestive heart failure, and its inhibition by beta blockade may precipitate more severe failure. Although beta blockers should be avoided in overt congestive heart failure, if necessary, they can be used with close follow-up in patients with a history of failure who are well compensated and are receiving digitalis and diuretics. Beta-adrenergic blocking agents do not abolish the inotropic action of digitalis on heart muscle.

IN PATIENTS WITHOUT A HISTORY OF HEART FAILURE, continued use of beta blockers can, in some cases, lead to cardiac failure. Therefore, at the first sign or symptom of heart failure, the patient should be digitalized and/or treated with diuretics, and the response observed closely or INDERAL should be discontinued (gradually if possible).

IN PATIENTS WITH ANGINA PECTORIS, there have been reports of exacerbation of angina and, in some cases, myocardial infarction, following abrupt discontinuance of INDERAL therapy. Therefore, when discontinuance of INDERAL is planned, the dosage should be gradually reduced over at least a few weeks, and the patient should be cautioned against interruption or cessation of therapy without the physician's advice. If INDERAL therapy is interrupted and exacerbation of angina occurs, it is usually advisable to reinstitute INDERAL therapy and take other measures appropriate for the management of unstable angina pectoris. Since coronary artery disease may be unrecognized, it may be prudent to follow the above advice in patients considered at risk of having occult atherosclerotic heart disease who are given propranolol for other indications.

Nonallergic Bronchospasm (eg, chronic bronchitis, emphysema) — PATIENTS WITH BRONCHOSPASTIC DISEASES SHOULD IN GENERAL NOT RECEIVE BETA BLOCKERS. INDERAL should be administered with caution since it may block bronchodilation produced by endogenous and exogenous catecholamine stimulation of beta receptors.

MAJOR SURGERY. The necessity or desirability of withdrawal of beta-blocking therapy prior to major surgery is controversial. It should be noted, however, that the impaired ability of the heart to respond to reflex adrenergic stimuli may augment the risks of general anesthesia and surgical procedures.

INDERAL (propranolol HCl), like other beta blockers, is a competitive inhibitor of beta-receptor agonists and its effects can be reversed by administration of such agents, eg, dobutamine or isoproterenol. However, such patients may be subject to protracted severe hypotension. Difficulty in starting and maintaining the heartbeat has also been reported with beta blockers.

DIABETES AND HYPOGLYCEMIA. Beta blockers should be used with caution in diabetic patients if a beta-blocking agent is required. Beta blockers may mask tachycardia occurring with hypoglycemia, but other manifestations such as dizziness and sweating may not be significantly affected. Following insulin-induced hypoglycemia, propranolol may cause a delay in the recovery of blood glucose to normal levels.

THYROTOXICOSIS. Beta blockade may mask certain clinical signs of hyperthyroidism. Therefore, abrupt withdrawal of propranolol may be followed by an exacerbation of symptoms of hyperthyroidism, including thyroid storm. Propranolol may change thyroid function tests, increasing T_4 and reverse T_3 , and decreasing T_3 .

IN PATIENTS WITH WOLFF-PARKINSON-WHITE SYNDROME, several cases have been reported in which, after propranolol, the tachycardia was replaced by a severe bradycardia requiring a demand pacemaker. In one case this resulted after an initial dose of 5 mg propranolol.

PRECAUTIONS. **GENERAL.** Propranolol should be used with caution in patients with impaired hepatic or renal function. INDERAL (propranolol HCl) is not indicated for the treatment of hypertensive emergencies.

Beta-adrenergic receptor blockade can cause reduction of intraocular pressure. Patients should

be told that INDERAL may interfere with the glaucoma screening test. Withdrawal may lead to a return of increased intraocular pressure.

CLINICAL LABORATORY TESTS. Elevated blood urea levels in patients with severe heart disease, elevated serum transaminase, alkaline phosphatase, lactate dehydrogenase.

DRUG INTERACTIONS. Patients receiving catecholamine-depleting drugs such as reserpine should be closely observed if INDERAL is administered. The added catecholamine-blocking action may produce an excessive reduction of resting sympathetic nervous activity which may result in hypotension, marked bradycardia, vertigo, syncope, attacks, or orthostatic hypotension.

Caution should be exercised when patients receiving a beta blocker are administered a calcium-channel-blocking drug, especially intravenous verapamil, for both agents may depress myocardial contractility or atrioventricular conduction. On rare occasions, the concomitant intravenous use of a beta blocker and verapamil has resulted in serious adverse reactions, especially in patients with severe cardiomyopathy, congestive heart failure or recent myocardial infarction.

Aluminum hydroxide gel greatly reduces intestinal absorption of propranolol.

Ethanol slows the rate of absorption of propranolol.

Phenytoin, phenobarbital, and rifampin accelerate propranolol clearance.

Chlorpromazine, when used concomitantly with propranolol, results in increased plasma levels of both drugs.

Antipyrene and lidocaine have reduced clearance when used concomitantly with propranolol.

Thyroxine may result in a lower than expected T_3 concentration when used concomitantly with propranolol.

Cimetidine decreases the hepatic metabolism of propranolol, delaying elimination and increasing blood levels.

Theophylline clearance is reduced when used concomitantly with propranolol.

CARCINOGENESIS, MUTAGENESIS, IMPAIRMENT OF FERTILITY. Long-term studies in animals have been conducted to evaluate toxic effects and carcinogenic potential. In 18-month studies in both rats and mice, employing doses up to 150 mg/kg/day, there was no evidence of significant drug-induced toxicity. There were no drug-related tumorigenic effects at any of the dosage levels. Reproductive studies in animals did not show any impairment of fertility that was attributable to the drug.

PREGNANCY. Pregnancy Category C. INDERAL has been shown to be embryotoxic in animal studies at doses about 10 times greater than the maximum recommended human dose.

There are no adequate and well-controlled studies in pregnant women. INDERAL should be used during pregnancy only if the potential benefit justifies the potential risk to the fetus.

NURSING MOTHERS. INDERAL is excreted in human milk. Caution should be exercised when INDERAL (propranolol HCl) is administered to a nursing woman.

PEDIATRIC USE. Safety and effectiveness in children have not been established.

ADVERSE REACTIONS. Most adverse effects have been mild and transient and have rarely required the withdrawal of therapy.

Cardiovascular: Bradycardia, congestive heart failure, intensification of AV block, hypotension, paresthesia of hands, thrombocytopenic purpura, arterial insufficiency, usually of the Raynaud type.

Central Nervous System: Light-headedness, mental depression manifested by insomnia, lassitude, weakness, fatigue, reversible mental depression progressing to catatonia, visual disturbances, hallucinations, vivid dreams, an acute reversible syndrome characterized by disorientation for time and place, short-term memory loss, emotional lability, slightly clouded sensorium, and decreased performance on neuropsychometrics. For immediate formulations, fatigue, lethargy and vivid dreams appear dose related.

Gastrointestinal: Nausea, vomiting, epigastric distress, abdominal cramping, diarrhea, constipation, mesenteric arterial thrombosis, ischemic colitis.

Allergic: Pharyngitis and agranulocytosis, erythematous rash, fever combined with aching and sore throat, laryngospasm and respiratory distress.

Respiratory: Bronchospasm.

Hematologic: Agranulocytosis, nonthrombocytopenic purpura, thrombocytopenic purpura.

Auto-Immune. In extremely rare instances, systemic lupus erythematosus has been reported.

Miscellaneous: Alopecia, LE-like reactions, psoriasisiform rashes, dry eyes, male impotence, and Peyronie's disease have been reported rarely. Oculomucocutaneous reactions involving the skin, serous membranes and conjunctivae reported for a beta blocker (practolol) have not been associated with propranolol.

DOSEAGE AND ADMINISTRATION. INDERAL LA provides propranolol hydrochloride in a sustained-release capsule for administration once daily. If patients are switched from INDERAL Tablets to INDERAL LA Capsules, care should be taken to assure that the desired therapeutic effect is maintained. INDERAL LA should not be considered a simple mg-for-mg substitute for INDERAL. INDERAL LA has different kinetics and produces lower blood levels. Retitration may be necessary especially to maintain effectiveness at the end of the 24-hour dosing interval.

HYPERTENSION — Dosage must be individualized. The usual initial dosage is 80 mg INDERAL LA once daily, whether used alone or added to a diuretic. The dosage may be increased to 120 mg once daily or higher until adequate blood-pressure control is achieved. The usual maintenance dosage is 120 to 160 mg once daily. In some instances a dosage of 640 mg may be required. The time needed for full hypertensive response to a given dosage is variable and may range from a few days to several weeks.

ANGINA PECTORIS — Dosage must be individualized. Starting with 80 mg INDERAL LA once daily, dosage should be gradually increased at three- to seven-day intervals until optimal response is obtained. Although individual patients may respond at any dosage level, the average optimal dosage appears to be 160 mg once daily. In angina pectoris, the value and safety of dosage exceeding 320 mg per day have not been established.

If treatment is to be discontinued, reduce dosage gradually over a period of a few weeks (see WARNINGS).

MIGRAINE — Dosage must be individualized. The initial oral dose is 80 mg INDERAL LA once daily. The usual effective dose range is 160-240 mg once daily. The dosage may be increased gradually to achieve optimal migraine prophylaxis. If a satisfactory response is not obtained within four to six weeks after reaching the maximal dose, INDERAL LA therapy should be discontinued. It may be advisable to withdraw the drug gradually over a period of several weeks.

HYPERTROPHIC SUBAORTIC STENOSIS — 80-160 mg INDERAL LA once daily.

PEDIATRIC DOSAGE — At this time the data on the use of the drug in this age group are too limited to permit adequate directions for use.

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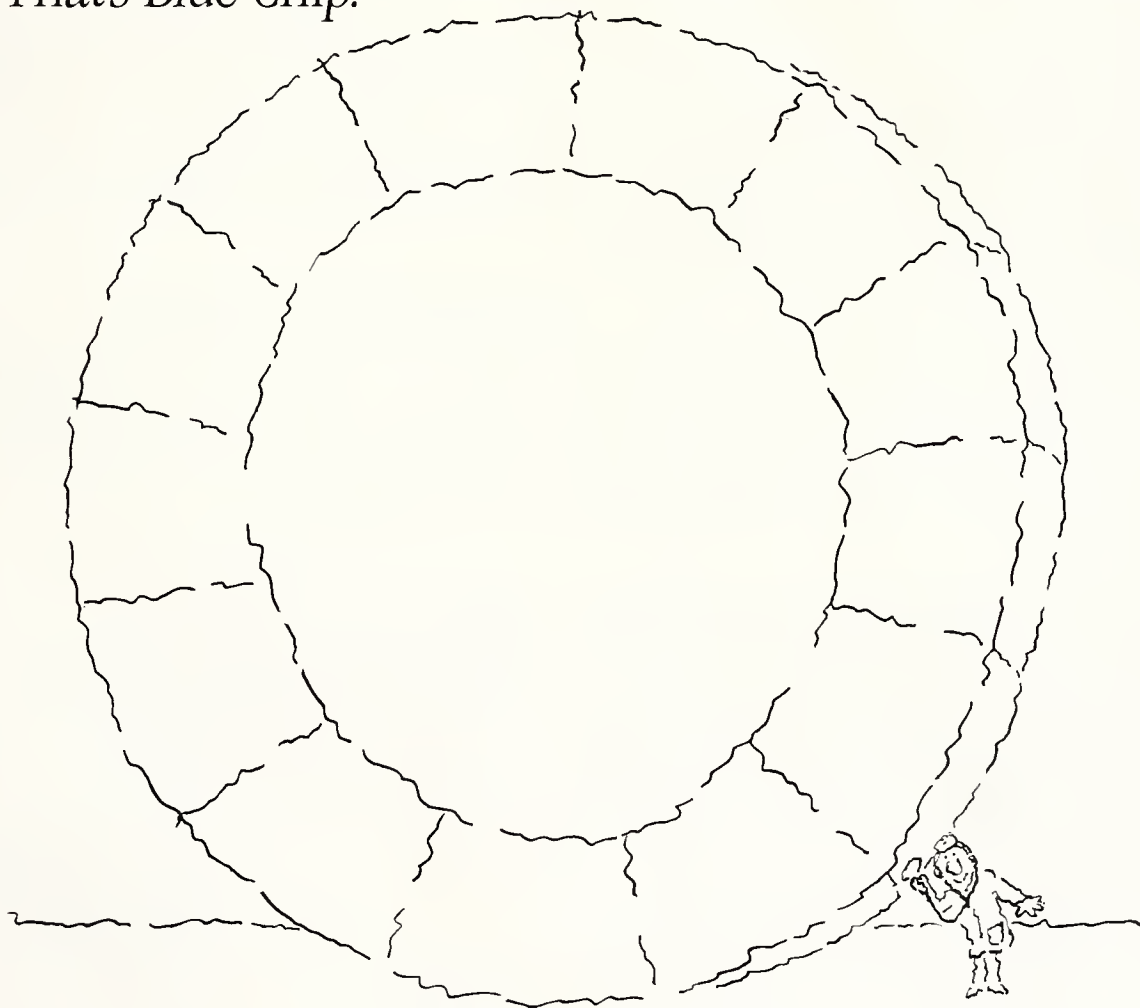
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Screening may seem unrewarding because so many examinations must be done to find even one cancer. Based upon U.S. incidence data, overall only about one in every 1,100 women examined would have breast cancer.¹⁸ However, the ratio changes dramatically as the age of the woman (and consequently her risk for breast cancer) increases, falling from about one in 83,000 for women 20 to 24, to one in 540 for women 50 to 54, and to one in 313 for women 70 to 74 (table 2). Thus, it is particularly important to emphasize screening among older women and those with a personal or family history of breast cancer, for these are the women most at risk for breast cancer. ■

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The BCDDP was not designed to collect mortality data. It did demonstrate the ability of mammography to diagnose minimal and invasive cancers which were non-palpable (35%) in women under the age of 50. The BCDDP also found a higher percentage of minimal and small cancers, which should be an indication of the improvement in mammographic technique between the 1960s and the 1970s.

Current Use of Mammography

The American Cancer Society and the National Cancer Institute, two major organizations concerned with cancer prevention in the United States, have somewhat different mammographic guidelines for asymptomatic women. For women 50 and over, both groups recommend annual or routine screening, combining both mammography and physical examination. The recommendations of the National Cancer Institute for younger women restrict mammographic screening to those at high risk. On the other hand, the American Cancer Society recommends a baseline mammogram for all asymptomatic women age 35 to 40 and screening every one to two years for asymptomatic women age 40 to 49. The American College of Radiology makes recommendations similar to those of the American Cancer Society. Mammography should generally not be performed in women under age 30.

If the National Cancer Institute or American Cancer Society guidelines had been adopted by the medical and lay communities, one would expect routine use of mammography in the 50-and-older age category. Data indicate, however, that only 15-20% of American women age 50 and over have had a mammogram and that a much smaller percentage are being examined regularly. There is a direct correlation between mammogram usage and patient demographic factors such as education, income, and urban versus suburban residence. Increased use is associated with increased knowledge of breast cancer detection and treatment procedures.

Among physicians, there seems to be a wide discrepancy between belief in the importance of mammography and utilization of this procedure. Although 41% of physicians surveyed by the American Cancer Society in 1984 "agreed completely" with the guidelines for screening, only 11% said they observed the guidelines. Gynecologists were more committed to mammography than were internists and general practitioners.

Deterrents to the Use of Mammography

Factors cited by physicians as deterrents to recommending routine mammography screening included radiation risks, unnecessary biopsies, financial considerations, confusion regarding age for screening, and doubts about the relative value of mammography.

Over the last ten years, with continued technological improvements in equipment and film, not only has the ability to detect breast cancers increased, but the average mid-breast dose of radiation has decreased considerably. In the 1960s, the mean skin dosage was 7.7 rads. Now, in most instances, the average surface exposure is 0.47 rads for film screen units and 1.2 rads for xeromammography. The significant comparison exposure is computed for mid-breast dose, which is 0.035 rads for film and 0.36 rads for xeromammography. The American Cancer Society has concluded that "modern technology has reduced the radiation exposure of low-dose mammography to the point of negligible risk, if risk exists at all, and has increased its diagnostic capabilities at the same time."

Screening mammography is advocated to detect breast cancer at an earlier stage than it would be detected by clinical examination alone. Mammography also helps in the interpretation of palpable findings. Most medical centers which are reporting biopsy results have an average of one in four positive lesions. Some extremely aggressive programs have reported as few as one in 13 positive biopsies. In North Carolina, most of the screening programs find that their detection rates fall between one in four and one in six positive cases per recommended biopsy. One must consider that taking advantage of the early detection ability of mammography entails some unnecessary biopsies, but this must also be compared with the number of unnecessary biopsies that are performed on clinical evaluation alone. To make an impact on screening, one must be somewhat aggressive in biopsy recommendation.

Until recently, the economics of mammography have been a major deterrent to physicians in recommending routine screening to any but their highest-risk patients. At present, several insurance companies cover the cost of mammography only for symptomatic women, and mammography is not authorized by Medicare for routine screening purposes. The American College of Radiology and the American Cancer Society have urged radiologists nationally to lower mammographic costs to encourage better utilization. The last two

Interpretation of the Mammogram Report

Findings on mammographic accuracy vary between 85% and 94% — unfortunately not perfect. Dense breast tissue, whether in a young glandular breast or a dystrophic breast, limits the mammographic detection rate. Clinicians must continue to interpret a "negative" mammogram report in the context of their clinical findings. Consulting the radiologist, possibly adding mass-specific views or ultrasound, may help the primary care physician or surgeon in making the decision to biopsy or not to biopsy.

years have seen a great reduction in the cost of mammography in North Carolina. Many areas charge less than \$60 and some even as little as \$29. Decreasing cost is possible with large volume screening.

The campaign of the American Cancer Society to increase breast cancer detection awareness is directed not only to the public, but also to physicians. Doctors' attitudes and practices will need to change considerably regarding routine mammographic screening if there is to be a significant decrease in mortality from breast cancer over the next several decades. The prospects for change should be excellent based on technical advances, cost reduction, and risk reduction. The breast is beautiful. Making it an object of critical medical attention may save many lives. ■

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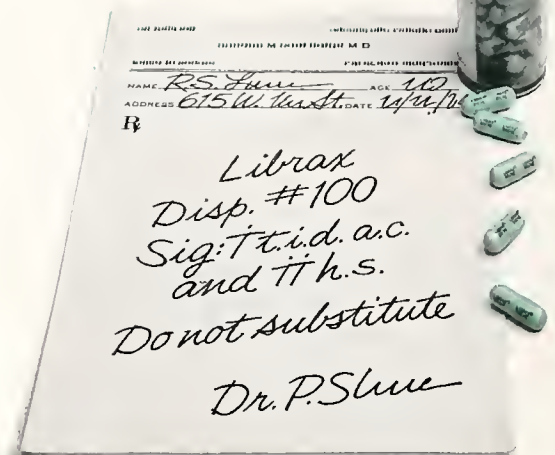
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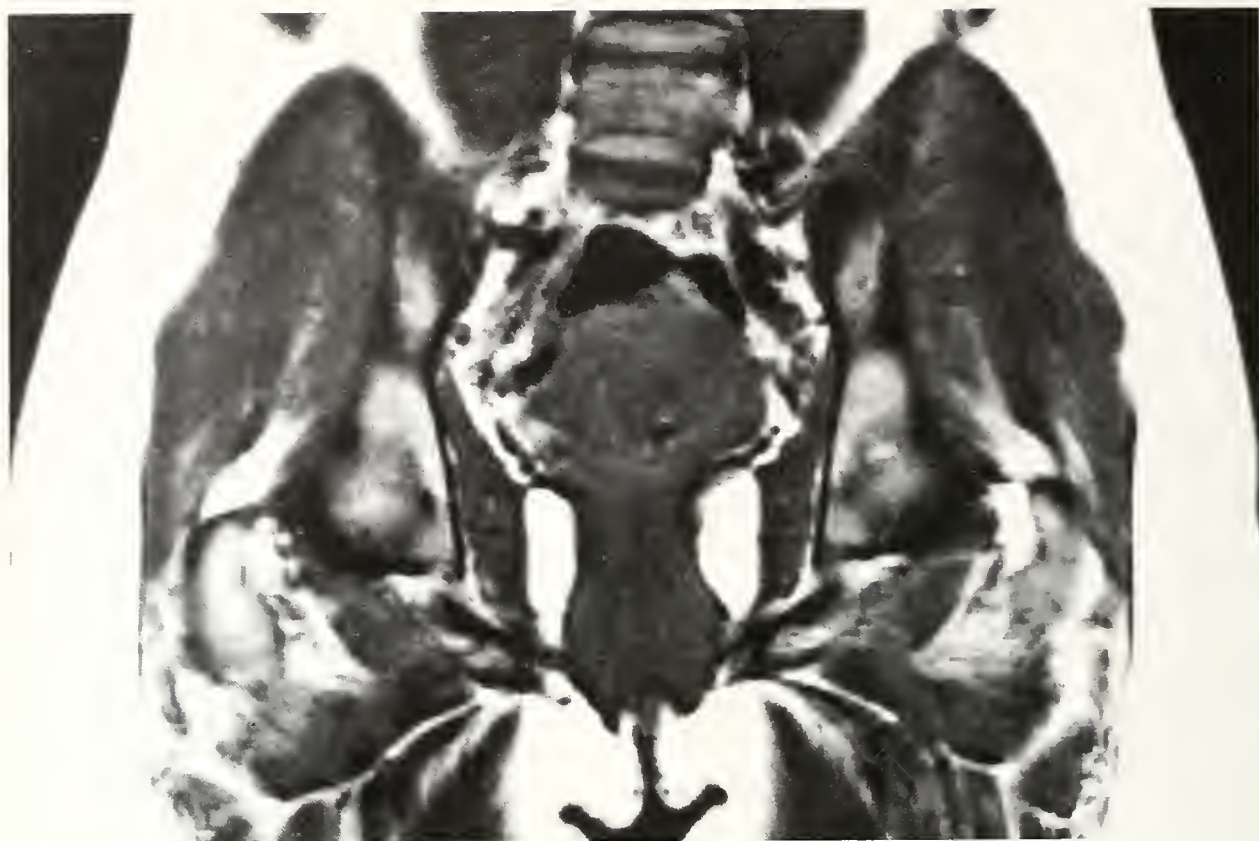
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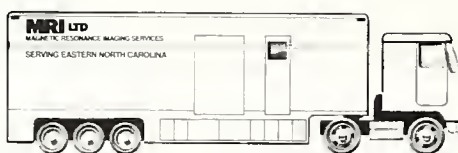
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Please see following page for brief summary of prescribing information.

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PEDICULICIDAL/OVICIDAL ACTIVITIES: *In vitro* data indicate that permethrin has pediculicidal and ovicidal activity against *Pediculus humanus* var. *capitis*. The high cure rate (97.99%) of Nix in patients with head lice demonstrated at 14 days following a single application is attributable to a combination of its pediculicidal and ovicidal activities and its residual persistence on the hair which may also prevent reinfestation.

INDICATIONS AND USAGE: Nix is indicated for the single-application treatment of infestation with *Pediculus humanus* var. *capitis* (the head louse) and its nits (eggs). Retreatment for recurrences is required in less than 1% of patients since the ovicidal activity may be supplemented by residual persistence in the hair. If live lice are observed after at least seven days following the initial application, a second application can be given.

CONTRAINDICATIONS: Nix is contraindicated in patients with known hypersensitivity to any of its components, to any synthetic pyrethroid or pyrethrin, or to chrysanthemums.

WARNING: If hypersensitivity to Nix occurs, discontinue use.

PRECAUTIONS:

General: Head lice infestation is often accompanied by pruritus, erythema, and edema. Treatment with Nix may temporarily exacerbate these conditions.

Information for Patients: Patients with head lice should be advised that itching, redness, or swelling of the scalp may occur after application of Nix. If irritation persists, they should consult their physician. Nix is not irritating to the eyes; however, patients should be advised to avoid contact with eyes during application and to flush with water immediately if Nix gets in the eyes. In order to prevent accidental ingestion by children, the remaining contents of Nix should be discarded after use.

Combing of nits following treatment with Nix is not necessary for effective treatment. However, patients may do so for cosmetic or other reasons. The nits are easily combed from the hair treated with Nix after drying.

Carcinogenesis, Mutagenesis, Impairment of Fertility: Six carcinogenicity bioassays were evaluated with permethrin, three each in rats and mice. No tumorigenicity was seen in the rat studies. However, species-specific increases in pulmonary adenomas, a common benign tumor of mice of high spontaneous background incidence, were seen in the three mouse studies. In one of these studies there was an increased incidence of pulmonary alveolar-cell carcinomas and benign liver adenomas only in female mice when permethrin was given in their food at a concentration of 5000 ppm. Mutagenicity assays, which give useful correlative data for interpreting results from carcinogenicity bioassays in rodents, were negative. Permethrin showed no evidence of mutagenic potential in a battery of *in vitro* and *in vivo* genetic toxicity studies.

Permethrin did not have any adverse effect on reproductive function at a dose of 180 mg/kg/day orally in a three-generation rat study.

Pregnancy: Teratogenic Effects: Pregnancy Category B: Reproduction studies have been performed in mice, rats, and rabbits (200-400 mg/kg/day orally) and have revealed no evidence of impaired fertility or harm to the fetus due to permethrin. There are, however, no adequate and well-controlled studies in pregnant women. Because animal reproduction studies are not always predictive of human response, this drug should be used during pregnancy only if clearly needed.

Nursing Mothers: It is not known whether this drug is excreted in human milk. Because many drugs are excreted in human milk and because of the evidence for tumorigenic potential of permethrin in animal studies, consideration should be given to discontinuing nursing temporarily or withholding the drug while the mother is nursing.

Pediatric Use: Nix is safe and effective in children two years of age and older. Safety and effectiveness in children less than two years of age have not been established.

ADVERSE REACTIONS: The most frequent adverse reaction to Nix is pruritus. This is usually a consequence of head lice infestation itself, but may be temporarily aggravated following treatment with Nix. 5.9% of patients in clinical studies experienced mild temporary itching; 3.4% experienced mild transient burning/stinging, tingling, numbness, or scalp discomfort; and 2.1% experienced mild transient erythema, edema, or rash of the scalp.

DOSAGE AND ADMINISTRATION:

Adults and Children: Nix is intended for use after the hair has been washed with shampoo, rinsed with water and towel dried. Apply a sufficient volume of Nix to saturate the hair and scalp. Nix should remain on the hair for 10 minutes before being rinsed off with water. A single treatment is sufficient to eliminate head lice infestation. Combing of nits is not required for therapeutic efficacy, but may be done for cosmetic or other reasons.

SHAKE WELL BEFORE USING.

HOW SUPPLIED: Nix (Permethrin) 1% (wt./wt.) Creme Rinse is supplied in plastic squeeze bottles that contain 2 fl. oz. weighing 56 g. (NDC-0081-0780-81)

Store at 15°-25°C (59°-77°F).

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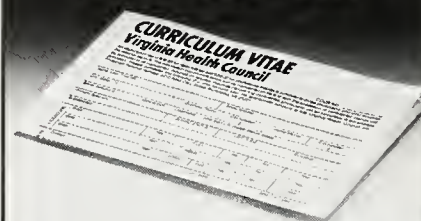
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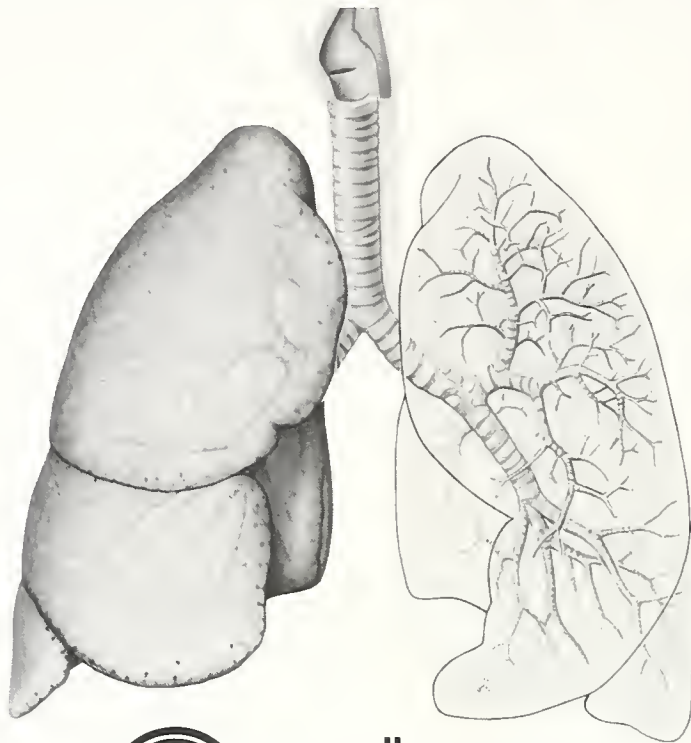


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Note: Ceclor is contraindicated in patients with known allergy to the cephalosporins and should be given cautiously to penicillin-allergic patients.

Penicillin is the usual drug of choice in the treatment and prevention of streptococcal infections, including the prophylaxis of rheumatic fever. See prescribing information.

Ceclor[®] (ceftiofur)

Summary. Consult the package literature for prescribing information.

Indications: Lower respiratory infections, including pneumonia, caused by susceptible strains of *Streptococcus pneumoniae*, *Haemophilus influenzae*, and *Streptococcus pyogenes* (group A β -hemolytic streptococci).

Contraindication:

Known allergy to cephalosporins.

Warnings:

CECLOR SHOULD BE ADMINISTERED CAUTIOUSLY TO PENICILLIN-SENSITIVE PATIENTS. PENICILLINS AND CEPHALOSPORINS SHOW PARTIAL CROSS-ALLERGENICITY. POSSIBLE REACTIONS INCLUDE ANAPHYLAXIS.

Administer cautiously to allergic patients. Pseudomembranous colitis has been reported with virtually all broad-spectrum antibiotics. It must be considered in differential diagnosis of antibiotic-associated diarrhea. Colon flora is altered by broad-spectrum antibiotic treatment, possibly resulting in antibiotic-associated colitis.

Precautions:

- Discontinue Ceclor in the event of allergic reactions to it.
- Prolonged use may result in overgrowth of nonsusceptible organisms.
- Positive direct Coombs' tests have been reported during treatment with cephalosporins.
- Ceclor should be administered with caution in the presence of markedly impaired renal function. Although dosage adjustments in moderate to severe renal impairment are usually not required, careful clinical observation and laboratory studies should be made.
- Broad-spectrum antibiotics should be prescribed with caution in individuals with a history of gastrointestinal disease, particularly colitis.
- Safety and effectiveness have not been determined in pregnancy, lactation, and infants less than one month old. Ceclor penetrates mother's milk. Exercise caution in prescribing for these patients.

Adverse Reactions: (percentage of patients)

Therapy-related adverse reactions are uncommon. Those reported include:

- Gastrointestinal (mostly diarrhea): 2.5%.
- Symptoms of pseudomembranous colitis may appear either during or after antibiotic treatment.
- Hypersensitivity reactions (including morbilliform eruptions, pruritus, urticaria, and serum-sickness-like reactions that have included erythema multiforme [rarely, Stevens-Johnson syndrome] or the above skin manifestations accompanied by arthritis/arthritis and, frequently, fever): 1.5%; usually subside within a few days after cessation of therapy. Serum-sickness-like reactions have been reported more frequently in children than in adults and have usually occurred during or following a second course of therapy with Ceclor. No serious sequelae have been reported. Antihistamines and corticosteroids appear to enhance resolution of the syndrome.
- Cases of anaphylaxis have been reported, half of which have occurred in patients with a history of penicillin allergy.
- As with some penicillins and some other cephalosporins, transient hepatitis and cholestatic jaundice have been reported rarely.
- Rarely, reversible hyperactivity, nervousness,

insomnia, confusion, hypertonia, dizziness, and somnolence have been reported.

- Other: eosinophilia, 2%; genital pruritus or vaginitis, less than 1%; and, rarely, thrombocytopenia.

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NORTH CAROLINA MEDICAL JOURNAL

For Patients

VOLUME 48 / NUMBER 10 / OCTOBER 1987

Breast Cancer

Early Detection May Mean Cure

MARGARET L. BERTRAND, M.D.

Breast cancer is the number-one female cancer, now striking nearly one out of every ten American women. Despite advances in surgery and chemotherapy, the death rate has changed little over the last forty years.

Because there is no known prevention of breast cancer, emphasis must be placed on detecting it early. At this stage, breast cancer is highly treatable and in many instances is associated with normal life expectancy. The earlier breast cancer is discovered, the more options a woman has about surgery. Depending on size and location of the tumor, removal of the breast (mastectomy) may not be necessary. Lesser surgery combined with radiation therapy may be recommended instead.

Defense against breast cancer involves a three-part program which each woman should maintain throughout her life: breast self-examination, routine physician breast physical, and mammography (breast x-ray).

Breast Self-Examination

Breast self-examination should become a habit practiced once a month. Women need to check themselves when

they are least likely to be engorged; for menstruating women, one week after their period begins, and for women on replacement hormone therapy, the first day of their estrogen medication. The exam should include inspection in front of a mirror and palpation lying down and sitting or standing. Detailed information on this procedure is available free from the American Cancer Society (see the paper on breast self-examination in this section of the *Journal*).

There is evidence that the more experienced a woman is in self-examination, the smaller the tumor she is capable of feeling. Women 20 years of age and older should perform breast self-examination every month.

Physical Examination

Women age 20 to 40 should have a physical examination of the breasts every three years, and women over 40 should have a physical examination of the breasts every year. This can often be combined with a gynecological exam or regular check-up.

Mammography

Mammography is an x-ray of the breast which is capable of detecting many breast cancers two to three years earlier than they can be felt by patients or physicians.

Director of Bertrand Diagnostic Imaging & Breast Center, Inc.; Associate Professor of Radiology, Duke University Medical Center, Durham 27710.

The size of a breast cancer at discovery, and whether or not nearby lymph nodes are involved, are two of the main determinants of survival. When diagnosed at 5 mm (the size of a pea), the five-year survival rate is 98% and the 20-year survival rate is 93%. Most breast cancers (75%) are found by the woman herself, with an average size of 2-3 cm (the size of a pecan). At this stage, approximately half of the cancers have already spread to lymph nodes. Even without lymph node spread, the 20-year survival rate is only 62%, but once lymph nodes are involved, the 20-year survival rate is less than 25%.

Mammography is the most sensitive of the tests available in detecting breast cancer, with an 85-90% detection rate. Not only is mammography safe and accurate, but it is a proven life-saver based on three major studies. Two of these, one carried out in New York City in the 1960s and the other more recently in Sweden, reported 30-40% fewer deaths among women over 50 who had

routine breast x-rays along with their annual physical exams. A third study, organized jointly by the National Cancer Institute and the American Cancer Society, demonstrated that 35.4% of breast cancers detected in women under 50 were found by mammography alone; and in areas where follow-up data are available, all of the women in this study whose breast cancers had been identified on mammography were alive five years after diagnosis. Because of these encouraging results, the American College of Radiology and the American Cancer Society have issued a set of recommendations for the routine use of mammography.

It is important for all women to be aware of their personal risk factors for developing breast cancer. Until medical science develops a method of prevention, success in early detection of breast cancer is based on an aggressive three-part program of breast self-examination, physician breast exam, and x-ray mammography. ■

WHO IS AT RISK FOR BREAST CANCER?

- All women are at risk. Only 1% of breast cancers occur in men. Seventy-five percent of women who get breast cancer have no risk factors other than being female.
- The risk increases with age. Two-thirds of breast cancers occur over age 50, but, sadly, 12% of breast cancer occurs under age 40.
- A personal history of breast cancer increases the risk for a second breast cancer to one in six.
- Family history is a strong risk factor if mother or sister has had a breast cancer before menopause. The risk is exceedingly high if these relatives have had breast cancer in both breasts. Of much less risk is a close relative having a breast cancer after menopause. Only if there are several relatives with breast cancer on the father's side of the family is that considered a significant risk.
- Other risk factors include never having had children, having had a first baby after age 35, early menarche, and late menopause.

WHO SHOULD HAVE A MAMMOGRAM?

As currently recommended by the American College of Radiology and the American Cancer Society for asymptomatic women:

- Age 40-49, a mammogram every one to two years
- Age 50 and over, a mammogram every year

Because each woman's breast x-ray is different in its appearance, unique only to her (like a fingerprint), many physicians urge their patients to have their first mammogram between age 35 and 39 to establish their baseline normal. All future studies (when the risk for breast cancer is higher) will be compared to this baseline.

Women at high risk should consult their personal physician because it may be necessary to begin screening at a younger age.

Today only 5-15% of women in the recommended age category for screening are getting their routine mammography. If your physician has not already recommended this test, ask about it soon.

HOW IS MAMMOGRAPHY PERFORMED?

The standard mammographic procedure is two x-ray views of each breast, one from the side and one from above.

To increase accuracy of detection, and to decrease radiation dose, adequate compression is necessary. This may be slightly uncomfortable, but usually is not painful if performed at the same time of the cycle that breast self-examination is suggested.

IS MAMMOGRAPHY SAFE?

Only a few years ago, doctors were fiercely debating whether this breast x-ray might cause breast cancer. Fortunately, now that these x-rays deliver one-tenth the radiation of former techniques, the controversy has been laid to rest. Mammography is now thought to pose virtually no increased risk for developing breast cancer.

In choosing where you will have this x-ray examination, a few important questions should be asked:

- Is the equipment specifically designed for mammography?
- How much radiation is used in each x-ray? (If the answer is more than 1 rad, you might consider consulting another clinic.)
- Is the mammogram read by a *radiologist* certified by the American Board of Radiology, and is the radiologist experienced in interpreting mammograms?

WHERE IS MAMMOGRAPHY PERFORMED AND HOW MUCH DOES IT COST?

In North Carolina, there are several free-standing breast centers, most of them associated with outpatient radiology centers. Additionally, mammography is performed in most hospitals.

In this state, most mammography is priced at less than \$100, and in some areas may be as low as \$29. Often, routine mammography (performed in patients without symptoms) may not be covered by insurance and is not covered by Medicare.

Breast Self Examination

Early Detection For Breast Cancer

ANNIE HAYES, R.N., M.P.H.

The good news is that breast cancer can be cured, if it is detected and treated early. If you are a woman, do you do breast self exam (BSE) monthly? If you do, congratulations! You are among the 27% of American women who are doing BSE regularly, once a month.

The best weapon against breast cancer is early detection. By doing BSE, women detect 95% of cancers of the breast. But let me reassure you that most breast lumps are not cancer. After investigation, only two out of 10 breast lumps turn out to be cancer.

Today breast cancer is discussed openly. Women are putting aside their fears about breast cancer and asking questions in order to know as much as they possibly can about how to protect themselves.

What are the facts?

Breast cancer is the number one killer among women age 35 to 54. About one out of every 10 women will develop breast cancer sometime during her lifetime. An estimated 130,000 new cases will have been diagnosed in the United States in 1987 and 41,000 women are expected to die of breast cancer.

What are the warning signals?

Breast changes that *persist*, such as a lump, thickening, distortion, retraction, or scaliness of the nipple, nipple discharge, pain or tenderness, are all causes for concern and should be checked out by your doctor.

Public Health Nursing Consultant, North Carolina Department of Human Resources, Division of Health Services, Adult Health Services Section, Raleigh 27602-2091.

Remember, *most* breast conditions are *not* cancer, but only a physician can make a diagnosis.

What are the risk factors?

Age is the single most important risk factor. Breast cancer rarely occurs in women under age 35. Women at higher risk are over age 50; have personal or family history of breast cancer; have never given birth; or have their first child after age 30.

According to Dr. Susan Love, Director of the Breast Clinic at Beth Israel Hospital in Boston, 70-80% of women diagnosed with breast cancer have *no* risk factors. Therefore, all women should consider themselves at risk and incorporate this into their daily self-care program.

What can you do about early detection?

The American Cancer Society recommends the monthly practice of BSE by women 20 years and older as a routine good health habit. The Cancer Society also recommends a baseline mammogram for women age 35 to 39. Women 40 to 49 without symptoms should have mammography every one to two years, and those age 50 and over should have yearly mammograms.

In addition, a professional physical examination of the breasts is recommended at least every three years for women 20 to 40 and every year for those over 40.

A combination of mammography, breast self exam and regular breast examinations by a health professional could reduce the number of cancer deaths by 50%.

Examining Your Breasts

A woman's breasts have a special significance for her; breasts represent femininity, womanhood, mothering and sexuality. Most women do not practice breast self exam each month because of fear and not knowing what they are feeling. It is difficult to tell the difference between normal and abnormal without training and practice. The important thing is to learn how *your* breasts feel and detect any changes over time. Training by a health care professional can help relieve your fears and increase your confidence in performing BSE.

Here are the steps of BSE. Illustrations are from the American Cancer Society's booklet "How To Examine Your Breasts."¹

1 In the shower:

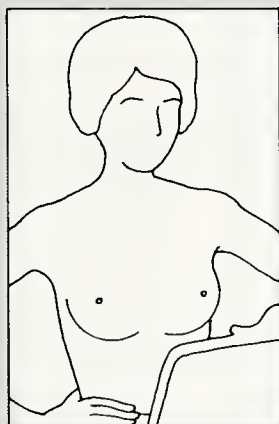
Examine your breasts during bath or shower; hands glide more easily over wet skin. Fingers flat, move gently over every part of each breast. Use the right hand to examine the left breast, the left hand for the right breast. Check for any lump, hard knot or thickening.



2 Before a mirror:



Inspect your breasts with arms at your sides. Next, raise your arms high overhead. Look for any changes in contour of each breast: a swelling, dimpling of skin or changes in the nipple.



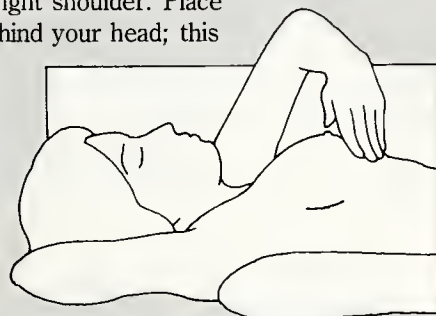
Then rest palms on hips and press down firmly to flex your chest muscles. Left and right breast will not match exactly; few women's breasts do. Regular inspection shows what is normal for you and will give you confidence in your examination.

3 Lying down:

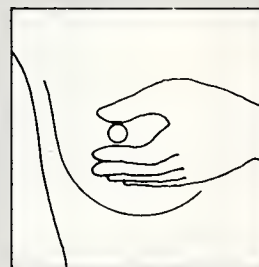
To examine your right breast, put a pillow or folded towel under your right shoulder. Place your right hand behind your head; this distributes breast tissue more evenly on the chest.

With your left hand, fingers flat, press gently in small circular motions around an imaginary clock face. Begin at outermost top of your right breast for 12 o'clock, then move to 1 o'clock, and so on around the circle back to 12. A ridge of firm tissue in the lower curve of each breast is normal. Then move in an inch, toward the nipple.

Keep circling to examine every part of your breast, including the nipple. This requires at least three more circles. Now slowly repeat the procedure on your left breast with a pillow under your left shoulder and your left hand behind your head. Notice how your breast structure feels.



Finally, squeeze the nipple of each breast gently between your thumb and index finger. Any discharge, clear or bloody, should be reported to your doctor immediately.



BSE is every woman's first line of defense against breast cancer. Ask your health care professional to do a thorough breast examination demonstrating how to do BSE. Call on your local American Cancer Society if you would like more information or training on how to do BSE.¹⁻⁴

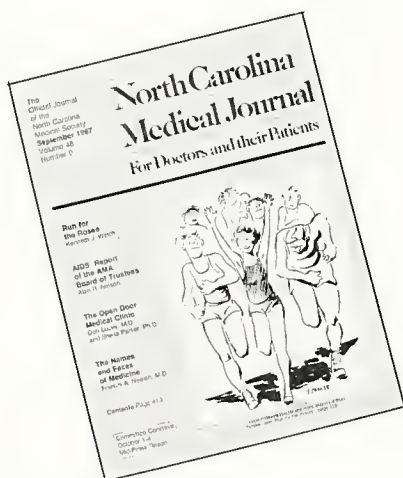
What else can you do to protect yourself against cancer? Practice a healthy lifestyle; eat a variety of foods from the basic food groups; exercise; avoid obesity, cigarettes, and alcohol. Strive for a balance between work and play. Learn how to relax and enjoy life. ■

American Cancer Society Brochures

- 1 How to examine your breasts, ACS #2088
- 2 Cancer facts and figures-1987, ACS #5008
- 3 Now, breast cancer has nowhere to hide, ACS #2007
- 4 Taking control, ACS #2019.05

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“YES, THERE IS LIFE AFTER BREAST CANCER. AND THAT’S THE WHOLE POINT.”

—Ann Jillian



A lot of women are so afraid of breast cancer they don't want to hear about it.

And that's what frightens me.

Because those women won't practice breast self-examination regularly.

Those women, particularly those over 35, won't ask their doctor about a mammogram.

Yet that's what's required for breast cancer to be detected early. When the cure rate is 90%. And when there's a good chance it won't involve the loss of a breast.

But no matter what it involves, take it from someone who's been through it all.

Life is just too wonderful to give up on. And, as I found out, you don't have to give up on any of it. Not work, not play, not even romance.

Oh, there is one thing, though.

You do have to give up being afraid to take care of yourself.



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One, time. We know how tough it is for a busy physician to make weekend time commitments. So we offer flexible training programs that allow a physician to share some time with his or her country. We arrange a schedule to suit your requirements.

Two, the opportunity to explore other phases of medicine, to add a different kind of knowledge—the challenge of military health care. It's a flexibility which could prove to be both stimulating and rewarding, with the opportunity to participate in a variety of programs that can put you in contact with medical leaders from all over the country.

See how flexible we can be, call our Army Medical Personnel Counselor.

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instead of living it**

From "looking"..



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Limbitrol[®] DS

Each tablet contains 10 mg chlordiazepoxide and 25 mg amitriptyline (as the hydrochloride salt) ^(IV)

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References: 1. Feighner JP, et al: *Psychopharmacology* 61:217-225, Mar 22, 1979 2. Data on file, Hoffmann-La Roche Inc., Nutley, NJ 3. Dixon R, Cohen J: *J Clin Psychopharmacol* 3:107-109, Apr 1983

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Tranquilizer—Antidepressant
Before prescribing, please consult complete product information, a summary of which follows:

Indications: Relief of moderate to severe depression associated with moderate to severe anxiety

Contraindications: Known hypersensitivity to benzodiazepines or tricyclic antidepressants. Do not use with monoamine oxidase (MAO) inhibitors or within 14 days following discontinuation of MAO inhibitors since hyperpyretic crises, severe convulsions and deaths have occurred with concomitant use; then initiate cautiously, gradually increasing dosage until optimal response is achieved. Contraindicated during acute recovery phase following myocardial infarction

Warnings: Use with great care in patients with history of urinary retention or angle-closure glaucoma. Severe constipation may occur in patients taking tricyclic antidepressants and anticholinergic-type drugs. Closely supervise cardiovascular patients. (Arrhythmias, sinus tachycardia and prolongation of conduction time reported with use of tricyclic antidepressants, especially high doses. Myocardial infarction and stroke reported with use of this class of drugs.) Caution patients about possible combined effects with alcohol and other CNS depressants and against hazardous occupations requiring complete mental alertness (e.g., operating machinery, driving)

Usage in Pregnancy: Use of minor tranquilizers during the first trimester should almost always be avoided because of increased risk of congenital malformations as suggested in several studies. Consider possibility of pregnancy when instituting therapy; advise patients to discuss therapy if they intend to or do become pregnant.

Since physical and psychological dependence to chlordiazepoxide have been reported rarely, use caution in administering Limbitrol to addiction-prone individuals or those who might increase dosage, withdrawal symptoms following discontinuation of either component alone have been reported (nausea, headache and malaise for amitriptyline; symptoms [including convulsions] similar to those of barbiturate withdrawal for chlordiazepoxide).

Precautions: Use with caution in patients with a history of seizures, in hyperthyroid patients or those on thyroid medication, and in patients with impaired renal or hepatic function. Because of the possibility of suicide in depressed patients, do not permit easy access to large quantities in these patients. Periodic liver function tests and blood counts are recommended during prolonged treatment. Amitriptyline component may block action of guanethidine or similar antihypertensives. When tricyclic antidepressants are used concomitantly with cimetidine (Tagamet), clinically significant effects have been reported involving delayed elimination and increasing steady state concentrations of the tricyclic drugs. Concomitant use of Limbitrol with other psychotropic drugs has not been evaluated; sedative effects may be additive. Discontinue several days before surgery. Limit concomitant administration of ECT to essential treatment. See Warnings for precautions about pregnancy. Limbitrol should not be taken during the nursing period. Not recommended in children under 12. In the elderly and debilitated, limit to smallest effective dosage to preclude ataxia, oversedation, confusion or anticholinergic effects.

Adverse Reactions: Most frequently reported are those associated with either component alone: drowsiness, dry mouth, constipation, blurred vision, dizziness and bloating. Less frequently occurring reactions include vivid dreams, impotence, tremor, confusion and nasal congestion. Many depressive symptoms including anorexia, fatigue, weakness, restlessness and lethargy have been reported as side effects of both Limbitrol and amitriptyline. Granulocytopenia, jaundice and hepatic dysfunction have been observed rarely.

The following list includes adverse reactions not reported with Limbitrol but requiring consideration because they have been reported with one or both components or closely related drugs: Cardiovascular: Hypotension, hypertension, tachycardia, palpitations, myocardial infarction, arrhythmias, heart block, stroke.

Psychiatric: Euphoria, apprehension, poor concentration, delusions, hallucinations, hypomania and increased or decreased libido.

Neurologic: Incoordination, ataxia, numbness, tingling and paresthesias of the extremities, extrapyramidal symptoms, syncope, changes in EEG patterns

Anticholinergic: Disturbance of accommodation, paralytic ileus, urinary retention, dilatation of urinary tract

Allergic: Skin rash, urticaria, photosensitization, edema of face and tongue, pruritus

Hematologic: Bone marrow depression including agranulocytosis, eosinophilia, purpura, thrombocytopenia

Gastrointestinal: Nausea, epigastric distress, vomiting, anorexia, stomatitis, peculiar taste, diarrhea, block tongue.

Endocrine: Testicular swelling and gynecomastia in the male, breast enlargement, galactorrhea and minor menstrual irregularities in the female, elevation and lowering of blood sugar levels, and syndrome of inappropriate ADH (antidiuretic hormone) secretion

Other: Headache, weight gain or loss, increased perspiration, urinary frequency, mydriasis, jaundice, alopecia, parotid swelling

Overdosage: Immediately hospitalize patient suspected of having taken an overdose. Treatment is symptomatic and supportive. I.V. administration of 1 to 3 mg physostigmine salicylate has been reported to reverse the symptoms of amitriptyline poisoning. See complete product information for manifestation and treatment

Dosage: Individualize according to symptom severity and patient response. Reduce to smallest effective dosage when satisfactory response is obtained. Larger portion of daily dose may be taken at bedtime. Single h.s. dose may suffice for some patients. Lower dosages are recommended for the elderly. Limbitrol DS (double strength) Tablets, initial dosage of three or four tablets daily in divided doses, increased up to six tablets or decreased to two tablets daily as required. Limbitrol Tablets, initial dosage of three or four tablets daily in divided doses, for patients who do not tolerate higher doses.

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The Diagnosis and Current Surgical Management of Breast Cancer

James F. Newsome, M.D.

In distilling the plethora of articles on breast cancer over the last several decades, one finds a recurring theme: the smaller the tumor at diagnosis, the longer the survival. Critical reappraisals of past experience and the results of randomized, clinical trials have altered our concepts to the extent that the management of patients suspected or proven to have breast cancer in the mid-1980s has little resemblance to the previous, almost Pavlovian, response of "breast cancer ergo mastectomy," radical or otherwise.

There are many factors contributing to these changes, among them mammography, the diagnosis of lesions based upon cytologic diagnosis of fine needle aspirates, the demonstration that appropriately administered radiation is equivalent to surgery in the local control of breast cancer in selected patients, the utility of axillary dissection as a staging as well as a therapeutic procedure, adjuvant chemotherapy, steroid hormone receptors, patient participation in therapy decisions, the evolution of the "two-step" procedures for diagnosis and treatment, breast reconstruction, and a recognition that our ability to accurately stage breast cancer continues to be limited. An in-depth discussion of each of the above is neither planned nor necessary. Since the overall management of patients with breast cancer and the appropriate sequential use of surgery, radiation therapy, and chemotherapy is governed by an appreciation for and the results of these factors, most will require some mention.

At the outset, it may be useful to point out some recent encouraging trends. Letton and Mason¹ observed no cancer-related deaths at ten and a half years following treatment of mammographically detected breast cancers in 62 postmenopausal women. Treatment included tylectomy (removal of the local lesion) and radiation therapy, total mastectomy and axillary node dissection, and in some the classical radical mastectomy. Blot et al² reported an approximately 15% decline in breast cancer mortality among premenopausal American women, presumably the result of earlier detection and the use of adjuvant chemotherapy. Our data (figure 1) indicate a complete reversal of the ratio of local to regional spread; currently in excess of 65% of the

patients are classed as Stage I or less at the time of diagnosis. While the hope is that these trends are real and that by detecting minimal and in-situ lesions in increasing numbers of patients we can begin to significantly alter the mortality curves, previous experience leads us to be cautiously optimistic.

Mammography

Of the above-mentioned factors, *mammography* has had the greatest impact. Since the disclosure of the improved survival among women involved in the Health Insurance Plan of New York (HIP) study in the late 1960s and early 1970s, and the positive effect of early diagnosis of breast cancer by the Breast Cancer Detection Demonstration Project (BCDDP) in the late 1970s, there has been a continuing, striking improvement in the quality of the mammographic films, a decrease in the radiation exposure, and a greater availability of radiologists skilled in mammographic interpretation. There persists, however, a false negative rate of 5-10% in the best of circumstances; probably as great as 20% in areas without ideal facilities. This observation makes it unwise to rely upon mammography to ascertain the nature of a palpable breast mass. Nevertheless, skilled mammog-

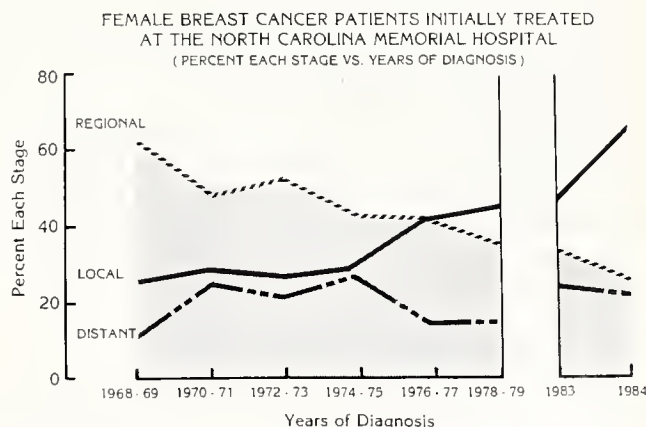


Figure 1. Observed changes in the stage at the time of diagnosis of breast cancer since 1968.

From the Department of Surgery, University of North Carolina School of Medicine, Chapel Hill 27514.

raphy has proven to be the gold standard in screening for minimal and subclinical breast cancer.

The role of mammography in therapy planning has not been generally emphasized. The radiographic demonstration of a spiculated mass, two cm or less in size, without other worrisome changes, suggests that therapy with breast preservation is an acceptable option. The demonstration, however, of multiple foci of clustered microcalcifications scattered throughout a goodly portion of a breast quadrant, or other lesions with worrisome radiographic characteristics, would indicate that the hope of controlling such a cancer without total mastectomy is unrealistic.

As indicated, the ideal use of mammography is as a screening device for the identification of subclinical disease. In the presence of a palpable mass, mammograms are procured *not* to determine the nature of the mass but to evaluate the remaining portions of this breast as well as the opposite breast for evidence of subclinical cancer. Palpable masses are best evaluated by fine needle aspiration.

Fine Needle Aspiration

The use of *cytologic study of a fine needle aspirate* to confirm one's suspicion of malignancy in the breast seems well-established. That it can adequately confirm one's suspicion of benignancy is not so clearly demonstrated, though its acceptance seems to be increasing. The cumulative experience of a number of studies evaluating the sensitivity and specificity of cytologic diagnosis of fine needle aspirates of thyroid, breast, lymph node, and prostate samples indicates an accuracy rate of about 90%.

The most frequent use of fine needle aspiration is to ascertain whether a palpable mass is cystic or solid, a judgment that is not reliably made by physical examination alone; viewed differently, the procedure is used to determine the need for an open biopsy. The recovery of watery, cloudy fluid that varies in color from amber to greenish-black with *complete disappearance* of the mass is characteristic of a benign cyst and cytologic study of the aspirate is rarely indicated. Failure to achieve complete disappearance of the mass, or the recovery of material not in keeping with a benign cyst, requires cytologic study of the aspirated debris and/or biopsy in most, if not all, instances.

The technical considerations in the procurement and preparation of material for cytologic study may vary a great deal; the methods employed should be determined in consultation with the cytopathologist who has a responsibility for interpretation.

Steroid Hormone Receptors

Knowledge of *steroid hormone receptor* levels is useful in planning treatment for recurrent or metastatic disease and, in some instances, in planning adjuvant therapy. The insta-

bility and heat lability of the steroid hormone receptor complex is such that fresh tissue, promptly frozen, is a basic requirement for accurate assessment of receptor concentration using the dextran charcoal coated method. The increasing availability of immunologic techniques for the determination of steroid receptor levels from fine needle aspirates should make such information routinely available on all patients with breast cancer.

Adjuvant Chemotherapy

Breast cancer *adjuvant chemotherapy* was the subject of a Consensus Development Conference of the National Institutes of Health in September 1985. While optimal therapy has not been identified, based on experience to date the following conclusions were reached:

- 1 For premenopausal women with positive lymph nodes, regardless of hormonal receptor status, treatment with established combination chemotherapy should become standard care.
- 2 For premenopausal patients with negative nodes, adjuvant chemotherapy is not generally recommended. For certain high-risk patients in this group, adjuvant chemotherapy should be considered.
- 3 For postmenopausal patients with positive nodes and positive hormone receptor levels, Tamoxifen is the treatment of choice.
- 4 For postmenopausal patients with positive nodes and negative hormone receptor status, chemotherapy may be considered but cannot be recommended as standard practice.
- 5 For postmenopausal women with negative nodes, regardless of hormonal receptor status, there is no indication for routine adjuvant treatment. For certain high-risk patients in this group, adjuvant therapy may be considered.

In addition to the above recommendations, all would agree that clinical investigation continues to be an important part of the adjuvant chemotherapy program and that physicians should strongly encourage all their patients with breast cancer to consider participation in controlled clinical trials.

Radiation Therapy

Several studies have shown that local control of breast cancer in selected patients can be achieved as well by *radiation therapy* after excision of the primary tumor as by mastectomy. In 1985, Fisher et al³ reported the experiences of the National Surgical Adjuvant Program for Breast Cancer (NSAPB), demonstrating no advantage in ultimate survival when total mastectomy was compared with segmental mastectomy (i.e., tylectomy, "lumpectomy," wide local excision) followed by radiation therapy. There was an im-

provement in local control in those individuals receiving radiation therapy. Patients included in the study had lesions that measured up to 4 cm in diameter. Since size of the primary tumor has been shown to be one of the more reliable predictors of subsequent outcome, it is the feeling of many (this author included) that these data, which appear competitive with other reports at five years, will eventually prove again the prognostic value of tumor size.

It has been a universal experience that approximately 80% of breast cancers are of the infiltrating ductal and lobular varieties. There are, however, other histologic varieties that do not demonstrate nodal metastasis with the frequency of the more common tumors, and survival rates at 10 years are generally 30% to 40% better. These include colloid, papillary, medullary, and tubular carcinomas. This histologic information is very relevant in considering treatment recommendations that include breast preservation.

Preoperative Evaluation

What constitutes an adequate *preoperative evaluation* for metastatic disease? There are no studies to indicate that, in the absence of symptoms, the currently available imaging techniques are uniformly useful in a search for metastatic disease. Quite the contrary, all studies have shown that, in a truly asymptomatic patient, bone and liver scans are an expense and a use of resources that cannot be justified. It has been a practice, however, to procure a bone scan prior to planning therapy for individuals in whom the physical examination implies disease that is far more extensive than the history would suggest. A chest x-ray is still considered an important part of the preoperative evaluation for breast cancer patients, though the discovery of metastatic disease in the absence of symptoms is quite low. It is apparent that current techniques do not adequately demonstrate asymptomatic microscopic systemic disease. The use of monoclonal antibody techniques for this purpose holds considerable promise that staging can indeed be accurately achieved.

From the above it should be evident that there is no standard form of management applicable to all patients with breast cancer. It is only after cell type and extent of disease are known that a firm recommendation for management can be formulated, including alternative treatment methods. In this regard it is our custom to discuss with the patient and the family the need to procure as much information as possible prior to recommendations for therapy. This permits some understanding of the steps necessary in outlining treatment programs and at the same time allows patient participation in such therapy decisions. It is extremely important, we believe, for the radiation oncologist to have an opportunity to evaluate and discuss alternative forms of management with the patient *prior* to any therapeutic maneuver being undertaken.

Translating the above into diagnostic and treatment strategies, the following may be illustrative.

Individuals found to have radiographically suspicious areas on routine screening mammography require biopsy, usually after needle localization, of the specimen being radiographed to ensure that the area of concern has been excised. In most instances the specimen, if it proves to be carcinoma, is of such small size that traditional methods of steroid hormone receptor level determination are not applicable. Individuals in whom the remaining portion of the breast shows no suspicious radiographic change are currently thought to be ideal candidates for radiation therapy, thus preserving the breast. In those who are candidates for adjuvant chemotherapy, a limited axillary dissection is recommended. The finding of carcinoma in any lymph node is indicative of the need for adjuvant therapy.

Patients who present with palpable breast lumps undergo the same plan of management. The presence of carcinoma can usually be established by cytopathologic study of the cellular debris recovered by fine needle aspiration of the palpable mass. If physical and radiographic examination indicate that breast preservation therapy is a realistic option, a judgment in which the patient should participate, procedures similar to those just outlined are followed. In most instances wide excision of the palpable mass for determination of cell type, steroid hormone receptor activity, and an assessment by the pathologist of the involvement of the margins are all useful in planning subsequent management.

Should there be indications of other disease within the breast or if the size of the lesion exceeds 3 cm, or if after excisional biopsy the cosmetic result is likely to be unacceptable, then, we believe, total mastectomy and a full axillary dissection, usually referred to as a "modified radical mastectomy," is the procedure of choice. Our practice is to procure immediately prior to mastectomy, if we have not already done so, an adequate fresh sample of the tumor for steroid hormone receptor level determination.

If, for any of several reasons, preservation of the breast is not a treatment option, there seems little reason not to proceed with total mastectomy and axillary node dissection.

Axillary Node Dissection

Emphasis on *axillary node dissection* as an indicator of the extent of disease, and the concern that arm edema may be increased when radiation is added to a dissected axilla, have led to the concept of limited axillary dissection. All patients with breast cancer, whether treated by tylectomy and radiation or by mastectomy, should undergo axillary dissection, unless it is clear that systemic adjuvant therapy will not be indicated. Physical examination is unreliable in ascertaining the presence or absence of nodal metastasis.

The levels of axillary dissection are defined as follows: Level I is marked by the lateral border of the pectoralis minor muscle; Level II reaches to the medial border of the pectoralis minor muscle; and Level III is that portion of the axilla from the medial border of the pectoralis minor to the

apex of the axilla, defined at the point that the subclavian vein disappears into the chest over the first rib. Individuals undergoing total mastectomy and axillary node dissection (modified radical mastectomy) are generally subjected to a complete axillary dissection, that is, including Level III. In the majority, this can be accomplished with preservation of the pectoralis minor, but care must be exercised to preserve the nerve supply to the pectoral muscles.

Axillary dissection to Level II is the most common practice when tylectomy and radiation therapy are planned. It is customary to indicate the extent of the dissection by a radiopaque clip to aid the radiation therapist in planning therapy. Level I or lesser dissections are reserved for those situations in which the simple documentation of suspected axillary nodal metastases is the goal.

Total mastectomy and axillary node dissection is by far the most common surgical procedure for the local control of breast cancer employed in this country today. In some instances if the pectoralis muscle appears involved, the standard radical mastectomy is employed for local control of disease.

Breast Reconstruction

Breast reconstruction is a valuable asset in the management of women with breast cancer. Whether immediate or, as in most instances, delayed three to six months after mastectomy, breast reconstruction offers these women good balance and symmetry. It contributes to good body image and enables patients to wear their usual wardrobe without the insecurity of an external removable breast prosthesis.

Contralateral Breast Biopsy

Although this procedure was carried out routinely for about 15 years, we no longer perform contralateral breast biopsy except in individuals who have physical and radiographic areas of suspicion or if the primary carcinoma in the ipsilateral breast is of a lobular cell type. In this instance, a 2 x 2 x 3 cm biopsy specimen from the upper outer quadrant is procured for histologic study.

Prophylactic Mastectomy

The role of *prophylactic mastectomy* has been variously discussed as a procedure for the prevention of cancer. The indications are not totally clear. Nulliparous women with a prominent family history of breast cancer in premenopausal first degree relatives and with atypical hyperplasia on biopsy are likely candidates. If such is deemed necessary, efforts to achieve complete removal of all breast tissue are imperative. This generally requires a total mastectomy including the nipple and areola complex and, if so desired, breast reconstruction.

Conclusions

The appropriate treatment for breast cancer is governed by size and location of lesion, age of patient, histologic cell type, extent of disease (including multicentricity), nodal involvement, metastatic deposits, the steroid hormone concentration, and the patient's understanding of the significance of the results of these procedures and the logic behind the therapeutic recommendation. If attempts at local control of the breast cancer without removal of the breast seem at all reasonable, consultation with the radiation therapist should be sought prior to any recommendations for the institution of treatment.

Returning to the initial theme, there is now considerable evidence that the expanding use of screening mammography to detect subclinical cancer is the single most important factor governing the recommendations for therapy for breast cancer. It carries with it the opportunity to further decrease the mortality rate that has now, for the first time, become evident. ■

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The Current Role of Radiation in the Management of Breast Cancer

Carolyn Ferree, M.D.

The Halstedian principle of radical surgery for breast cancer endured nearly 75 years before McWhirter challenged the tradition by introducing the concept of lesser surgery followed by radiation. Although management of breast cancer has become increasingly conservative in recent years, no clear biological principle has directed this trend. In fact, the earliest experience with lumpectomy followed by radiation resulted when some women refused mastectomy; hence in many respects these women pioneered the conservative approach to the treatment of early breast cancer, which remains controversial despite its increasing popularity.

As of 1985, 42 studies had been conducted in 12 countries including the United States, and more than 10,000 patients had been treated by this conservative approach.¹ In no study has the survival rate for this method been any less favorable than for patients who undergo mastectomy. Follow-up in some of these studies is as long as 30 years,² and three of the studies were prospectively randomized. Despite all the data accumulated during the past 50 years, only 11%³ of the 120,000 women who develop breast cancer each year are treated conservatively. Yet the majority of patients are suitable candidates for conservative management, and the numbers should continue to rise as screening mammography, which allows earlier detection of cancer, becomes a regular component of the physical examination.

Although conservative therapy was pioneered without directed principles, biological principles which support the approach have been recognized during the past 15 years. The supporting principle is based on the recognition that aggressive local therapy has not improved survival rates because breast cancer is most frequently a systemic disease. Hence, it follows that control of local disease should not significantly alter survivals. Another factor supporting acceptance of lesser surgery for breast cancer is the recognition of the psychological aspects of losing a breast to cancer.

What is Conservative Management?

Conservative management of breast cancer is the surgical removal of the primary lesion with negative margins and axillary dissection for staging followed by radiation therapy. The role of the radiation is to eradicate any microscopic tumor cells within the breast. With this approach, permanent local control can be achieved, histological and biochemical information can be ascertained, and the breast can be preserved with good cosmesis. Another important positive aspect of this approach is that it provides additional incentive for women to participate in early detection programs.

There are several negative aspects concerning therapy. The radiation treatments are time-consuming, usually requiring between five and seven weeks. The radiation is expensive if one considers interruption of work and commuting expenses. Furthermore, persistent lymphocytopenia often follows the radiation, and the patient and physician must commit to a frequent and long-term follow-up program. Lastly, 70% of patients who undergo lumpectomy and radiation therapy are treated unnecessarily, since the local failure rate is approximately 30% for those treated by margin-negative lumpectomy alone. Unfortunately, at this time there are no clear-cut criteria for selecting those most likely to have recurrences.

Absolute contraindications to this mode of treatment are few. The finding of multiple lesions is a contraindication, and lobular carcinoma, infiltrating or in situ, is probably best treated by mastectomy because of the risk of multicentricity. Intraductal carcinoma is *not* a contraindication unless it is an extensive component of an infiltrating lesion as well as adjacent tissue. In this case, the local recurrence rate can be as high as 25%.⁴ Except for intralymphatic extension in the index tumor, the National Surgical Adjuvant Breast Project (NSABP) B-06 study revealed no pathological contraindications.⁵ A very large pendulous breast can be technically difficult to treat and, because of loss of skin-sparing in the folds around the breast, moist desquamation or ulceration can be a problem. Consequently, most patients with very large breasts are probably best treated by mastectomy, although reconstruction is difficult unless it is accompanied by contralateral reduction mammoplasty. Tu-

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mor-breast ratio is also an important factor in the candidate selection process. Tumor size itself is probably not a contraindication as long as the tumor does not involve skin or chest wall; however, if the tumor is large and the breast is small, so that the ratio approaches one, the cosmetic result will be poor. In those cases mastectomy and reconstruction are usually recommended. Also there are a few patients who psychologically are not prepared to accept the 7-10% possibility of local recurrence, which would then require a mastectomy.

A team approach between surgeon and radiotherapist is of extreme importance if the best cosmesis is to be obtained. Recommendations have been published by the NSABP for the segmental mastectomy and the axillary dissection which will optimize cosmesis. The greatest pitfall is the use of a single diagonal incision to remove an upper outer-quadrant lesion and then extending into the axilla for the axillary dissection. The eventual result is contraction of the breast toward the axilla, as well as a scar which can become very uncomfortable from the friction produced by a conventional bra. A second pitfall is the closure of dead space following the segmental mastectomy, which results in a significant and unnecessary concave defect within the breast tissue.

Radiation technique is also a major factor in cosmesis, although it cannot improve upon the end result of the segmental mastectomy. Supervoltage equipment is essential to preserve skin-sparing. For the same reason, bolus (tissue density material added to skin to increase skin dose, but sacrifice skin-sparing) is avoided. A treatment-planning computed tomographic (CT) scan through the central portion of the breast is obtained and used to generate isodose distributions to ensure homogeneity of dose throughout the breast. This procedure is done for each patient and frequently requires wedge beam modifiers. The breast is treated with opposed tangential portals angled to minimize divergence of beams into the lung.

Cosmetic Results

Cosmesis is the primary advantage of segmental mastectomy and radiation, and with appropriate orchestration between surgeon and radiation oncologist, approximately 80% of patients have good to excellent cosmetic results. The majority of patients develop a transient edema of the breast which is directly related to the extent of the axillary dissection,⁶ and many have persistent mild edema for two to three years. Patients with large breasts are more likely to develop breast fibrosis and retraction secondary to the radiation, whereas patients with small breasts have more visible surgical defects, depending on the surgical technique and amount of breast tissue removed. Adjuvant chemotherapy apparently has some detrimental impact on cosmesis. According to Beadle,⁷ 24% of patients who received chemotherapy had an excellent cosmetic result, compared to 64% of those who did not receive chemotherapy; how-

Table 1

Complications of Primary Radiotherapy: Stage I and II Breast Cancer

Complication	Danoff ¹⁰	BGSM ¹¹	Chu ¹²
Arm edema	1-9%	3%	5%
Rib fracture	1-4%	<1%	
Pneumonitis	2-4%	2%	3%
Fat necrosis		1%	
Myositis	5%	1%	
Skin ulceration	1-2%	2%	2%
Severe breast fibrosis	2-6%	<1%	3%

ever, the results were still considered good. Danoff⁸ reported good or excellent cosmesis in 81% of those treated with chemotherapy, compared to 89% treated with primary radiation alone.

Two to three years is probably adequate time to assess the definitive cosmetic⁹ result in patients who receive radiation alone; however, for those receiving adjuvant chemotherapy more time may be required to reach a cosmetic endpoint.

Complications

Complications are seen in approximately 5% of patients treated with segmental mastectomy and radiation. A summary of the most common complications appears in table 1. With adjuvant chemotherapy, the single complication with an increased incidence is arm edema (22% versus 1-5%).⁸

There have been no reports of second malignancies following conservative treatment despite series dating from the 1930s. Neither has there been any evidence that the incidence of contralateral breast cancer is increased.

Other Roles of Radiation Therapy

Radiation therapy should continue to play a role after mastectomy in those patients who are at high risk for local-regional recurrence. In the Radiation Therapy Department at Bowman Gray School of Medicine, 27-36% of the recent patients with breast cancer (excluding those receiving pal-

Table 2

Breast Cancer Experience, North Carolina Baptist Hospital Radiation Therapy Department

	1975	1982	1985	1986
Routine Post-op	45	12	13	14
Lumpectomy	1	17	49	52
Inflammatory	5	3	7	10
Local/Regional	13	35	38	28
Total	64	67	107	104

liative therapy for distant metastatic disease) had received adjuvant chemotherapy for their high-risk status, but the cancer had recurred either during their chemotherapy or shortly after completion of chemotherapy. Prior to the advent of adjuvant chemotherapy, when radiation was employed more routinely, local recurrences were seen less frequently (table 2). After overt recurrence, the local control rates are only 28-49%.^{13,14}

Despite radiation, 7-10% of these high-risk patients will have recurrences. Local-regional recurrence can be a dreadful complication for the patient, psychologically and physically, and should be prevented if at all possible. High-risk factors include positive deep margins at time of mastectomy, skin involvement, multiple positive nodes, extensive involvement of the breast, large primary, nodal extracapsular extension, or inflammatory breast cancer following appropriate chemotherapy and mastectomy.

Palliative management of metastatic breast cancer is important for patients with bone pain, cord compression, brain metastasis, or many other symptom-producing situations. Quality of survival can be improved in approximately 75-80% of these patients.

Present State of the Art

The benefits of segmental mastectomy and radiation as conservative management of early breast cancer should no longer be questioned, although some specifics about the combined procedure remain controversial. Multiple studies in the literature supporting the use of segmental mastectomy and radiation report survival rates at least equal to those obtained with mastectomy. It is important to realize, however, that most patients treated thus far have been selected for small lesions and uncomplicated pathology.

Although 7-10% of these patients may have a local recurrence, there is no evidence that survivals are adversely affected if there is adherence to appropriate follow-up guidelines and if proper treatment is undertaken at the time of recurrence. These results contrast sharply with those of patients with chest wall recurrences following mastectomy with only 20-40% alive at five years.

Local-regional recurrences have become a major concern in that adjuvant chemotherapy has not effected the high degree of local control seen in the era of routine postoperative radiation for high-risk patients. If high-risk factors for local recurrence exist, radiation should still be considered as part of the overall management plan. ■

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The Role of Systemic Therapy in Early Breast Cancer

Stephen A. Bernard, M.D.

Systemic therapy in early breast cancer is based on concepts that evolved during the 1960s. The management of breast cancer until that time was largely surgical and focused on eradication of local disease. The principles of surgical management expounded by Halstead in the late 1800s viewed breast cancer as a localized disease which spread in an orderly fashion to the regional nodes and thence to the remainder of the body.¹

Beginning in the 1950s, observations by Bernard Fisher at the University of Pittsburgh lead him to propose an alternative hypothesis.² Breast cancer is viewed as a disease which may bypass the regional nodes and spread systemically first.² This hypothesis is supported by such observations as circulating cancer cells and the prolonged doubling time of breast cancer.^{2,3} Additionally, several surgical series have demonstrated a distant recurrence rate of 50% or more in women within the first few years after a primary resection.^{3,5}

Most importantly, this alternative hypothesis has been tested in several randomized clinical trials of various surgical techniques which have shown that various forms of aggressive local surgery do not affect the length of disease-free survival (time without recurrence after initial surgery), nor the overall survival (time from initial therapy to death), of the patient. Although these trials have been criticized for their relatively short follow-up, and radiation techniques, the evidence continues to emerge that such surgical techniques as the segmental mastectomy may well be equivalent to the modified radical mastectomy.^{2,4,6}

Because of the high likelihood of distant failure, investigators in the 1960s began focusing on the use of systemic therapy to alter the natural history of early breast cancer.^{2,3,7} Schabel demonstrated in an implantable mouse mammary tumor that the introduction of systemic therapy at an appropriate time and at an appropriate dosage was capable of effecting a cure in 80% of the animals.⁸

Several early clinical trials of adjuvant therapy in the

postoperative period used single-agent chemotherapy in women with breast cancer in an effort to treat occult micrometastases. These trials used as their major criteria for enrollment into the study the presence of axillary nodal involvement in the initial surgical specimen. The presence of regional nodal involvement has been shown to be the most powerful predictor of recurrence.^{2,3,6} The hypothesis proposed by Fisher suggests that these nodes may not be the first site of metastases but serve as an indicator of disease spread outside of the breast.² Several of the original trials also included women without axillary nodal involvement (node negative breast cancer), since even in this group of women recurrence is seen in up to 20-25% after 5-10 years.^{3,6,9}

These trials did not result in the complete elimination of recurrent breast cancer as was hoped. The failure to observe such results initially discouraged physicians interested in this area of clinical investigation. However, beginning with reports by several investigators of a beneficial result for adjuvant chemotherapy in the mid-seventies, additional trials employing combinations of chemotherapy and, in several cases, hormonal manipulation were begun and are still ongoing.¹⁰⁻¹⁴ Thirty-four thousand women have now been enrolled in trials looking at the primary treatment of breast cancer.¹⁵ A few of these trials are summarized in tables 1 and 2 (next page).

Several conclusions can be drawn from these studies:

1. Benefit has been seen mainly as a delay in recurrence of breast cancer (disease-free survival). The studies by Fisher and Bonadonna have shown a delay of recurrence for up to several years.^{11,16} In the trial by Bonadonna, women with more than four nodes involved and presumably the highest tumor burden experienced a delay in recurrence of up to eight years.¹⁶

The impact on survival overall has been less easily shown. The early delay in recurrence has not always translated into prolonged freedom from disease. Treatment at the time of recurrence is relatively successful in breast cancer and may delay further disease progression.³ Only modest attention has been paid to the course of the disease after recurrence in many of these trials. Often women in the postmenopausal

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Table 1**Results of adjuvant therapy trials in early breast cancer (disease-free survival)**

Study	# Pts.	Follow-up	Benefit* in	
			Premenopausal	Postmenopausal
Nissen-Meyer 1964-	1136	84 months	Y	Y
Fisher 1971-1974	380	120 months	Y	N
Bonadonna 1973-1974	386	108	Y	N
Taylor 1978-1981	265	36	—	N
Goldhirsch	463	48	—	Y
Baum	1285	24-72	Y	Y

* Benefit: A difference of more than 10% in the two treatment arms that is statistically significant; Y: yes, N: no.

Table 2**Results of adjuvant therapy trials in early breast cancer (overall survival)**

Study	# Pts.	Follow-up	Benefit* in	
			Premenopausal	Postmenopausal
Nissen-Meyer 1964-	1136	84 months	N	N
Fisher 1971-1974	380	120 months	Y	N
Bonadonna 1973-1974	386	108	Y	N
Taylor 1978-1981	265	36	—	N
Goldhirsch	463	48	—	N
Baum	1285	24-72	Y	Y

* Benefit: A difference of more than 10% in the two treatment arms that is statistically significant; Y: yes, N: no.

age group may die of other diseases besides breast cancer, diluting the effect of systemic therapy on overall survival.^{16,17}

2. The benefit in either disease-free survival or overall survival has not been seen among all groups of women.

This has been true whether the patients are classified by menopausal status, age, or number of nodes involved.^{6,11-14} Most often, trials with single-agent chemotherapy have shown benefit in women with lesser amounts of disease.¹⁰ On the other hand, trials with combinations of chemotherapy have not always shown benefit to this better prognosis group.¹³

3. The magnitude of the benefit from either chemotherapy or hormonal therapy or a combination is generally in the range of 10-20%; that is, an additional 10-20% of women show a reduction in recurrences in the treated group over the untreated group.^{6,7,10,16} This benefit seems small, but there are 130,000 women who will be newly diagnosed with breast cancer in the United States this year,¹⁸ and if approximately 50% are eligible for adjuvant therapy and an additional 15% would survive because of this treatment, this translates into approximately 10,000 women who would be alive because of such therapy.

4. As has been pointed out by Zelen and Gelman, many of the more recent trials in adjuvant breast cancer therapy have enrolled small numbers of patients for the types of questions being asked, and several of the trials have not been ongoing long enough to draw conclusions from the studies.¹⁷ These recent trial results have again led to

uncertainty in the medical community regarding the value of adjuvant chemotherapy, the groups that should receive this therapy, and what therapy should be given.

Because of the controversies surrounding the role of systemic therapy in the prevention of systemic recurrence in early breast cancer, an NIH Consensus conference was held in September, 1985. The conference concluded that there was enough evidence to warrant the use of chemotherapy in the premenopausal woman with positive nodes.¹⁹ Additionally, there was enough information to warrant the use of hormonal therapy in the postmenopausal woman with involved nodes and positive hormone receptor levels.¹⁹ For other groups, namely, postmenopausal women without positive receptors, and either premenopausal or postmenopausal women without nodal involvement, the previous experience does not support the routine use of adjuvant therapy in a non-investigational setting.¹⁹

A more important message which has not always been emphasized from that consensus meeting is that "all patients and their physicians are strongly encouraged to participate in controlled clinical trials."¹⁹ While physicians decide on the treatment of their patients from information obtained in several ways, the randomized clinical trial provides the most rigorous testing of a new treatment and the hypotheses on which it may be based.^{20,21} While randomized clinical trials are not without problems, these problems have been increasingly recognized and the general quality of clinical trials in breast cancer has improved over the last several years.¹⁵

The impact of the randomized clinical trial on patterns of treatment is harder to assess. In a recent review 16% of all trials in cancer focused on breast cancer as the organ involved.²¹ There is evidence that these trials have influenced the type of surgical procedure being done for breast cancer in the United States.²¹ Medical oncologists have also incorporated the information from these trials into their practices. A recent survey suggests that the practicing medical oncologist is utilizing this information to treat early breast cancer in a more aggressive fashion than the consensus recommendations.²²

Unfortunately, the same survey showed that 49% of the 634 respondents (8,200 hematologists and oncologists were mailed the questionnaire) did not enroll any patients in trials for stage II breast cancer.²² The problem of low enrollment continues to affect the results obtained by randomized clinical trials in early breast cancer. Selection bias, that is, the biasing of results by selection of a study population weighted with either good or poor prognostic indicators, does not allow the results of these trials to be reliably generalized to the larger patient population.

The ability of the clinical trial to generate useful information which is reliable when looked at biologically, clinically, or statistically is to a major extent dependent on sufficient enrollment of patients to achieve as broad a representation of the study population as possible. Only approximately 2% of all women with early breast cancer are enrolled in clinical trials.²³ If further advances are to occur in this area of cancer biology and treatment, these trials must continue and there must be commitment on the part of physicians to these studies. A recent report suggests that patients want such studies to continue.²⁴

Some of the moral, ethical and scientific reasons for this low accrual to clinical trials have been reviewed by Lacher and include problems with informed consent, randomization, and loss of stature by the physician.²⁵ A recent study by Langley et al. suggests that non-oncologic physicians are concerned particularly about the doctor-patient relationship in entering patients on clinical trials.²⁶ It is unclear whether these obstacles to accrual can be overcome to allow answers to the questions being raised by systemic therapy for early breast cancer.

There are other benefits to the use of randomized clinical trials besides answers to the treatment issues being addressed. In particular, the amount of information generated about the natural history of the disease and the realization of the heterogeneous nature of breast cancer, which had previously been viewed as a single disease, have led to a greater sophistication in the development of further studies of treatment in early breast cancer. By asking better questions we will surely obtain more precise answers and continue to improve the treatment of early breast cancer. With increased physician and patient participation, the answers we obtain will be more useful to the general population of women with early-stage breast cancer. ■

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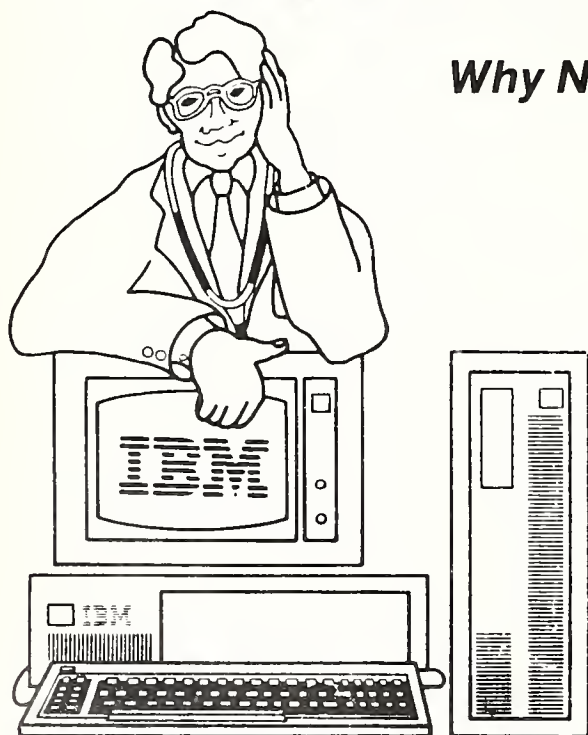
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Breast Reconstruction Following Mastectomy

Gregory Georgiade, M.D., F.A.C.S.,
Ronald Riefkohl, M.D., F.A.C.S., William Barwick, M.D.,
Nicholas Georgiade, M.D., F.A.C.S.

Carcinoma of the breast represents approximately 20% of all cancers occurring in women, with over 120,000 new cases of breast cancer reported in 1986.

Currently, there are more treatment options available for the patient presenting with primary breast cancer.¹ There has been a notable increase in the number of patients requesting breast reconstruction either immediately following their mastectomy or shortly thereafter.

The patient is now an active participant in the decision regarding the treatment options available. The surgeon should be flexible in selecting the optimal surgical treatment and additional therapeutic regimen for each patient. Treatment options for appropriately selected breast cancer patients include: modified radical mastectomy; modified radical mastectomy with immediate or delayed reconstruction; and segmental mastectomy or lumpectomy with or without axillary dissection and breast irradiation. In selected cases, a radical mastectomy may still be indicated. All of these therapeutic modalities have different benefits and risks.

Indications and Patient Selection for Breast Reconstruction

The patient undergoing breast reconstruction should have a strong desire and motivation for the procedure. General health should be good and, at the time of the reconstruction, there should be no evidence of recurrence. The psychological status should also be stable.

The patient should have realistic goals and expectations as to what will or will not result from breast reconstruction. If the expectations are extremely high, and the patient believes that the reconstructed breast will be an exact duplicate of the breast lost at mastectomy, then the degree of satisfaction will be low.

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It is possible currently to achieve satisfactory breast contour and symmetry which allows the patient to wear bathing suits and low-cut necklines without any apparent discrepancy in appearance. One of the major benefits for the active patient is that reconstruction allows participation in such activities as swimming, tennis, golf and aerobic exercise without concern that an external prosthesis will shift. The age of the patient is irrelevant. The authors have reconstructed the breasts of patients between the ages of twenty and seventy years.

Breast reconstruction will be of value for many individuals for both physical and emotional rehabilitation after the extirpative surgery, and will minimize the psychological impact of an altered body image secondary to the extirpative surgery.²⁻⁶

The family physician, general surgeon, and plastic surgeon, in many instances, will function as a team in the overall management of the patient with breast cancer. Either immediate or delayed breast reconstruction in many situations will help the individual patient through a difficult time.

Timing of Reconstruction

In the more than 900 breast reconstructions completed by the authors, the timing of reconstruction has varied depending on a number of factors. In appropriately selected patients with smaller breast cancers and clinically negative axillary nodes, reconstruction can begin at the time of the ablative procedure. In the authors' experience with over 250 patients who have undergone breast reconstruction at the time of a modified radical mastectomy, the overall results have been quite rewarding and decreased the amount of stress the patient experienced after the mastectomy. Observation of this group of patients over a 10-year period yields no evidence that immediate reconstruction has any adverse effect on the patient's ultimate survival, or on local or regional recurrence rate of primary breast cancer.⁷⁻⁹



Figure 1A. A preoperative view of a 48-year-old patient with an infiltrating ductal carcinoma.

If reconstruction is not initiated at the time of the original mastectomy, then the allowed time lapse is usually four to six months before beginning reconstruction. This allows for complete wound healing and resolution of the inflammatory response from the mastectomy. If the patient received chemotherapy, then the reconstruction is delayed until at least several months have elapsed following completion of the chemotherapy (or radiation therapy).

Patients with a poor prognosis from the original breast cancer should not submit to reconstruction for 18 to 24 months except in unusual circumstances.

Many patients who had mastectomies 10 to 20 years ago are requesting reconstruction, and most come to be very satisfied.

Immediate Reconstruction

After it has been determined that the patient is a suitable candidate for reconstruction at the time of the mastectomy, the general surgeon and plastic surgeon will plan the procedure together. If possible and appropriate, based on the primary breast cancer location, a transverse or slightly curved "S"-shaped incision extending obliquely from the medial aspect of the breast toward the upper, outer quadrant and anterior axillary line would be preferred. It must be remembered that the primary objective is adequate surgical treatment of the patient's breast cancer, and reconstructive ef-

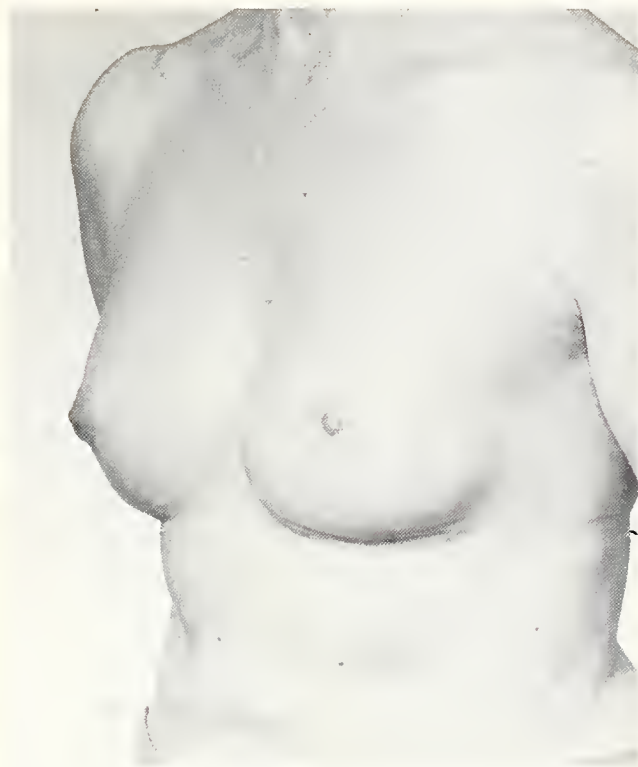


Figure 1B. The same patient is shown two and a half years postoperatively. She had an initial immediate breast reconstruction following a modified radical mastectomy with insertion of the prosthesis in the suberratus, subpectoral muscle pocket. A subcutaneous mastectomy had also been performed on the opposite breast. A prosthesis with 250 cc. volume was inserted bilaterally. The nipple was constructed by nipple sharing and the areola was constructed utilizing a groin graft.

forts, although they are important, should be of secondary importance. No effort should be made that compromises the original ablative procedure in order to facilitate the reconstruction.

The basic technique for the placement of the breast implant at the time of the original mastectomy involves development of a submuscular pocket at the level of the sixth or seventh rib. A submuscular plane is developed after elevating the serratus musculature from the ribs, then extending superiorly under the pectoralis major muscle. The submuscular pocket is also extended medially beneath the fascial attachments of the rectus abdominus muscle and laterally as well to the anterior axillary area. A suitably sized prosthesis is inserted into the submuscular pocket and the skin is closed (figure 1A, B).

If the overlying skin is extremely tight or cannot be closed after the prosthesis has been placed in the submuscular pocket, then the best procedure is insertion of a tissue expander.^{10,11} This is an inflatable prosthesis with a remote subcutaneous reservoir which is gradually expanded over a period of several weeks to months. After adequate breast size, shape and contour are obtained, the tissue expander is removed and a final prosthesis is inserted. During this stage,



Figure 2A. Preoperative front view of a 40-year-old patient who had a right modified mastectomy one year previously for intraductal carcinoma without nodal involvement.



Figure 2B. A one-year postoperative view of the same patient following a two-stage reconstruction and nipple areola reconstruction.

adjustments will have to be made in the opposite breast to achieve symmetry. At the time of the removal of the tissue expander, in the ideal situation, nipple areolar reconstruction can be carried out as well as adjustment of the skin envelope to match the opposite breast so a symmetrical appearance is obtained.

Delayed Reconstruction

A variety of techniques are available for delayed breast reconstruction. In the patient who has adequate skin and muscle coverage, reconstruction can be carried out with the placement of a subseratus, subpectoral silicone gel prosthesis if the opposite breast is not too large. In a patient with a larger opposite breast with adequate skin and muscle coverage, a tissue expander is placed in a submuscular position. These prostheses are generally inserted through an inframammary incision. This conservative technique is the most common method of breast reconstruction. An adjustment of the opposite breast can be made by mastopexy, reduction, augmentation, or subcutaneous mastectomy, depending on the medical and surgical needs of the patient (figure 2A, B).

In many situations, when there is inadequate muscle or skin coverage, tissue must be brought in from a distant area to augment the deficiency and allow for an adequate breast size. There are two basic techniques used to bring in distant

tissue: the latissimus dorsi myocutaneous flap and the rectus abdominus myocutaneous flap.¹²⁻¹⁸

The latissimus dorsi musculocutaneous flap provides a large triangular area of latissimus muscle across the back. A significant area of skin overlying the muscle may also be transferred. The muscle allows for replacement of muscle coverage which may have been lost at the time of the initial mastectomy and also augments the locally available skin on the anterior chest area. This flap is extremely reliable when rotated on its primary vascular pedicle, the thoraco-dorsal artery and vein. A prosthesis may be inserted immediately to provide for a single-stage replacement of tissue deficiencies and breast mound reconstruction (figure 3A, B, C, D).

The use of the rectus abdominus musculocutaneous flap in breast reconstruction produces excellent results in the appropriately selected patient. This flap usually obviates the need for a silicone prosthesis and eliminates the inherent problems with the possible development of late capsular formation and firmness; however, this flap is the most involved and complicated of the breast reconstruction procedures. The method results in a large amount of tissue which allows for the complete reconstruction of the breast without the use of a silicone prosthesis.

Unfortunately, many patients have had prior abdominal procedures which limit the use of this type of reconstruction. In obese patients, it is difficult to secure an adequate blood supply to the transferred tissue, and yet in extremely thin patients it is difficult to obtain a sufficient amount of tissue

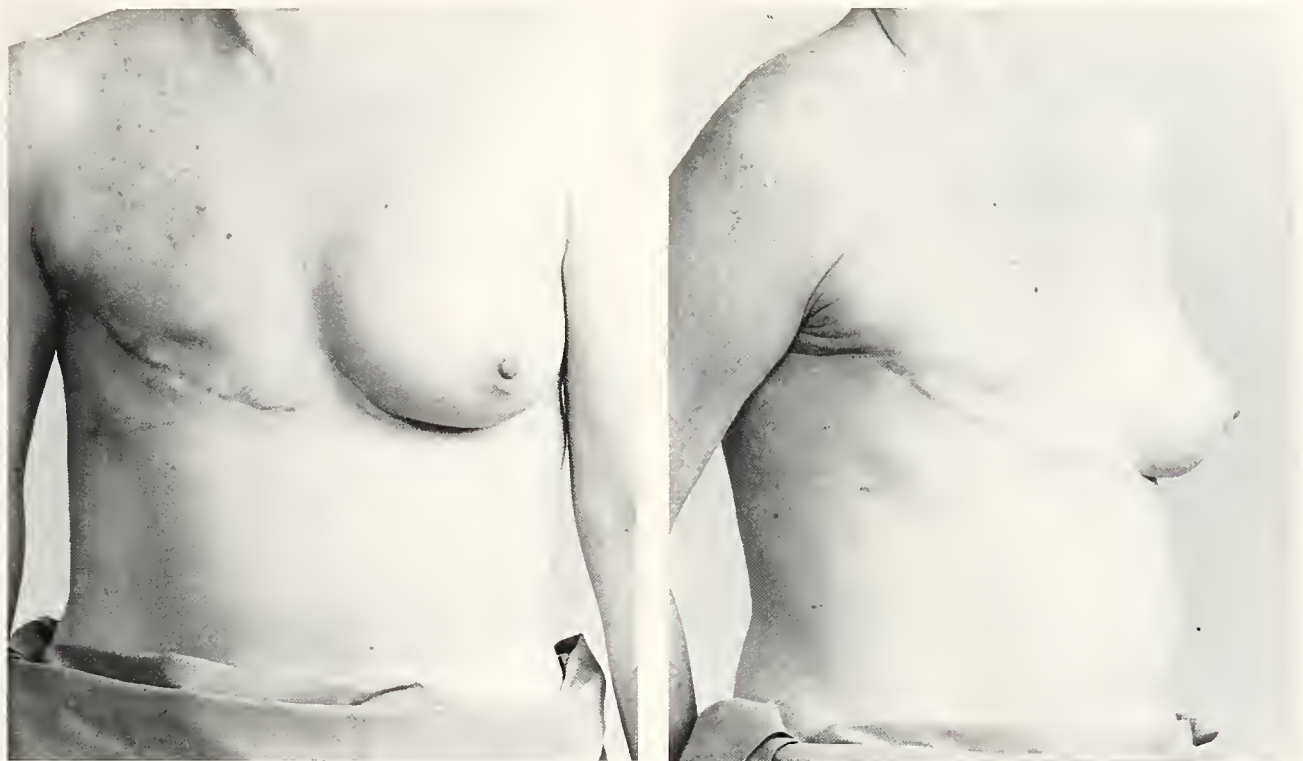


Figure 3A, B. A 43-year-old patient is shown six months after a modified radical mastectomy for a ductal carcinoma.

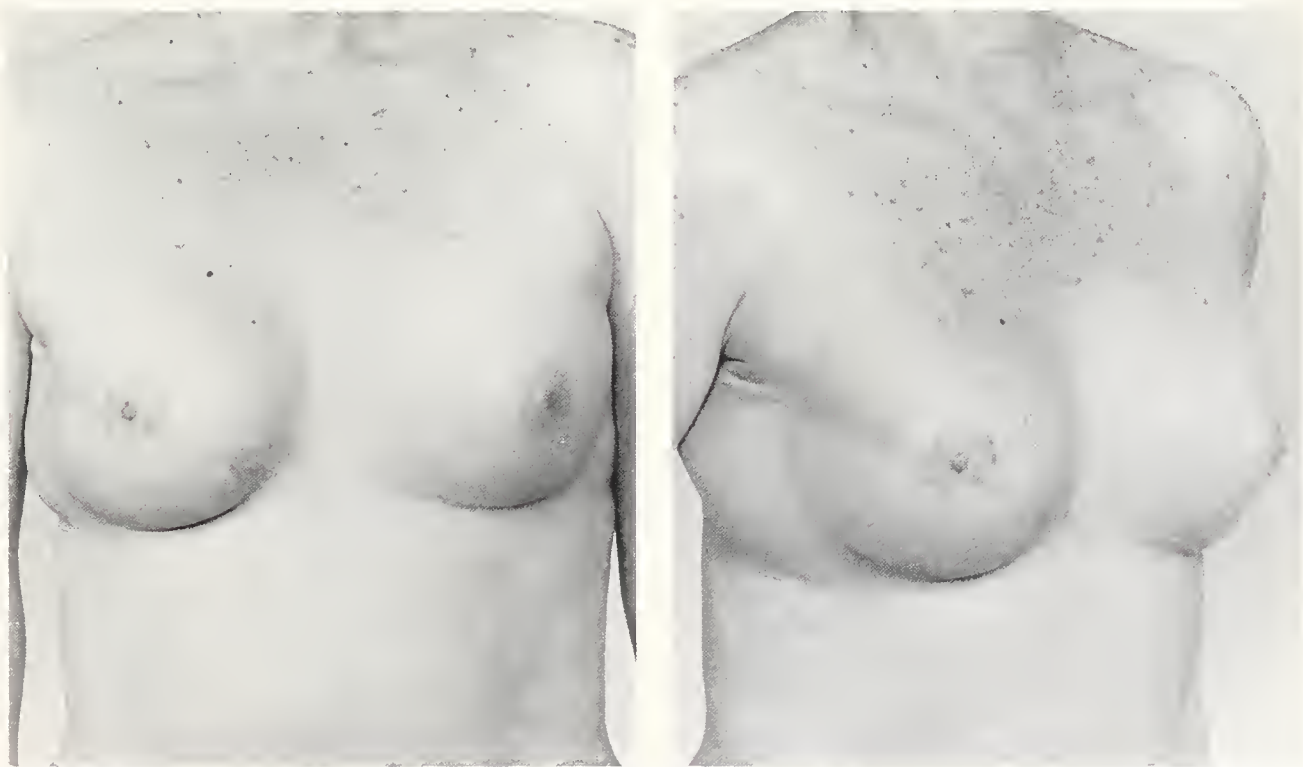


Figure 3C, D. The same patient is shown one year later. the breast has been reconstructed using a latissimus dorsi musculocutaneous flap, with a groin graft for areola reconstruction, and nipple sharing. A left subcutaneous mastectomy was also carried out.



Figure 4A, B. A 48-year-old patient is shown 8 months after a modified radical mastectomy for an infiltrating lobular carcinoma of the right breast. There was a lack of sufficient skin and muscle for the standard reconstruction.



Figure 4C, D. The same patient is shown three and a half years after reconstruction utilizing a rectus abdominus musculocutaneous flap with construction of the areola by means of a groin graft and nipple sharing procedure for construction of the nipple.

to reconstruct the breast mound. An ellipse of lower abdominal skin is elevated on one or both rectus abdominus muscles, and after transfer to the chest area, the flap is folded and inset to create a breast mound. The abdominal wall defect and the skin defect of the lower abdominal wall are closed directly (figure 4A, B, C, D).

Nipple Areola Reconstruction

Nipple areola reconstruction is generally carried out as a final step in breast reconstruction. Prior to nipple reconstruction, the breast mound should be symmetrical and the settling process completed to allow for stable long-term nipple positioning. The areola is usually constructed by the placement of a full-thickness skin graft which is obtained from the groin area. The actual nipple can be constructed either by a local skin flap or by nipple sharing, in which the opposite nipple is halved and transported as a composite graft. In certain situations, the nipple itself may be tattooed to give it a better color match with the opposite nipple.^{17,18}

Discussion

At this time there are a variety of techniques available for breast reconstruction. In any individual patient, several different methods might be used to reconstruct the breast. There is no single best technique. Instead, the selection of the best method of reconstruction should be made on an individual basis. Many a patient with breast cancer will develop recurrent disease during her lifetime. Breast reconstruction has not interfered with the detection of recurrent breast cancer and has no bearing on the destiny of the patient.^{19,20}

Psychological studies have shown that there is a definite psychological benefit derived from breast reconstruction. Those women who submitted to immediate breast reconstruction exhibited a better adjustment to the loss of a breast than those who did not.⁵ ■

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Follow-Up of the Breast Cancer Patient

Donald R. Lannin, M.D.

Although diagnosis and treatment of breast cancer patients receives much attention, follow-up of the breast cancer patient after treatment is frequently ignored or performed in a haphazard fashion. It is important that the breast cancer patient be fully rehabilitated and lead a normal and unrestricted life, but it is equally important that she and her physicians realize that she is at increased risk for certain problems and that she will require specialized follow-up for the rest of her life.

One of the reasons follow-up is frequently disorganized is that there are usually several physicians involved in the care of the breast cancer patient. In addition to the primary care physician and the surgeon, there is often a medical oncologist, a radiation therapist, and a plastic surgeon. Sometimes each of these specialists duplicates follow-up care, but other times no one takes responsibility as each assumes the other is doing it. It is important that the follow-up be planned among these specialists so that the patient receives coordinated and cost-effective care.

There are two main goals in follow-up of the breast cancer patient in addition to ensuring adequate rehabilitation from the effects of the cancer and its treatment. First is to detect recurrent disease at a point when it may still be curable or at least most effectively palliated. Second is to detect associated new primary cancers at a stage when they have a high chance of being cured. This article will briefly discuss each of these goals.

When and Where is Breast Cancer Likely to Recur?

In order to detect recurrent disease in an efficient and cost-effective manner, the physician must have a realistic idea of the probability of recurrence. Breast cancer is somewhat different from most other cancers as it can recur quite late. Nevertheless, the majority of patients who suffer recurrence

will do so within the first five years. An additional 10% of breast cancers will recur at between 5 and 10 years and another 5% after 10 years. If all stages are considered together, the chances of recurrence are 35% at 5 years, 45% at 10 years, and 50% at 20 years. However, the prognosis depends markedly on the size of the primary tumor, the presence or absence of involved axillary lymph nodes, the age and race of the patient, the presence of hormone receptors in the tumor, and the histological type of the tumor. If the lymph nodes are negative, the chance of recurrence is 20% at 10 years; if positive, 70% at 10 years. All these factors must be taken into account in assessing an individual patient's likelihood of recurrence.

Knowledge of the anatomic patterns of recurrence aids the physician in planning follow-up care. About 5% to 10% of patients will develop a local recurrence — i.e., a recurrence in the mastectomy scar, in the axilla, or in the remainder of the breast if the patient was treated with partial mastectomy, axillary dissection, and radiation therapy. However, the majority of patients in whom disease recurs will develop distant metastases. These occur in the following order of frequency: bone; lungs; soft tissue; liver; and brain.

Detection of Recurrence

Follow-up should be directed toward detecting recurrent disease at a stage when it is still curable or when it is most effectively palliated. There is little benefit in frequent exhaustive tests which can only diagnose incurable disease. The plan for follow-up should be individualized for each patient to take into account her risk for certain types of recurrence. For example, a woman who had a small tumor and negative axillary lymph nodes is at relatively low risk for recurrence and it would be a mistake to obtain frequent, expensive x-rays or scans if she remains asymptomatic. On the other hand, it must be recognized that a woman with a large primary tumor is at high risk for local recurrence, irrespective of her risk for systemic disease, and therefore frequent physical exams looking for local recurrence would be indicated.

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The following few paragraphs provide some general guidelines for follow-up of women with Stage I or II disease who have received curative treatment.

Over 75% of recurrent breast cancer is detected by history and physical exam alone. Usually this should be performed every three to four months for the first year or two, and every six months following this. History should be particularly directed toward symptoms of bone pain, shortness of breath, weight loss, or neurological changes. Physical exam should be directed toward any evidence of local recurrence in the surgical scar, axilla, or supraclavicular lymph nodes, as well as evidence of pleural effusion or hepatomegaly. If the patient has been treated by partial mastectomy, axillary dissection, and radiation therapy, it is especially important to examine the remainder of the breast for local recurrence since current evidence suggests that these patients may still be cured by mastectomy. Examination of the opposite breast for a new primary is also important and will be discussed below.

Evaluation of serum calcium, alkaline phosphatase, and hematocrit are relatively inexpensive and many authorities recommend they be obtained every six to 12 months. Carcinoembryonic antigen may be helpful in patients undergoing treatment for metastatic disease, but it is not worthwhile for following asymptomatic patients. Most authorities recommend yearly mammograms and chest x-rays for anyone who has had breast cancer. Bone scans and CT scans may be indicated in patients with suggestive symptoms, but are not worthwhile to screen asymptomatic patients. They are expensive and have a relatively high incidence of false positives and false negatives. Furthermore, when positive, they indicate incurable disease and there is no evidence that palliation is improved by starting treatment before the disease becomes clinically apparent.

Detection of Associated New Primary Cancers

Follow-up of breast cancer patients should be directed toward early detection of associated new primaries as well as toward detection of recurrent disease. A patient who has had a breast cancer in one breast has at least a 10% chance of developing a new primary in the opposite breast. In addition, there is a slightly increased risk of cancer of the colon, endometrium, and ovary. Emphasis should be placed on detecting these malignancies early when they have an extremely high cure rate. New primary breast cancer can be detected most effectively by a careful physical examination of the breast at each visit, by yearly mammograms, and by encouraging the patient to perform monthly breast self examination. Carcinoma of the colon can be detected by rectal examination, sigmoidoscopy and stool guaiac determination. ■

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Contraindications: Concomitant use with other potassium-sparing agents such as spironolactone or amiloride. Further use in anuria, progressive renal or hepatic dysfunction, hyperkalemia. Pre-existing elevated serum potassium. Hypersensitivity to either component or other sulfonamide-derived drugs.

Warnings: Do not use potassium supplements, dietary or otherwise, unless hypokalemia develops or dietary intake of potassium is markedly impaired. If supplementary potassium is needed, potassium tablets should not be used. Hyperkalemia can occur, and has been associated with cardiac irregularities. It is more likely in the severely ill, with urine volume less than one liter/day, the elderly and diabetics with suspected or confirmed renal insufficiency. Periodically serum K⁺ levels should be determined. If hyperkalemia develops, substitute a thiazide alone, restrict K⁺ intake. Associated widened QRS complex or arrhythmia requires prompt additional therapy. Thiazides cross the placental barrier and appear in cord blood. Use in pregnancy requires weighing anticipated benefits against possible hazards, including fetal or neonatal jaundice, thrombocytopenia, other adverse reactions seen in adults. Thiazides appear and triamterene may appear in breast milk. If their use is essential, the patient should stop nursing. Adequate information on use in children is not available. Sensitivity reactions may occur in patients with or without a history of allergy or bronchial asthma. Possible exacerbation or activation of systemic lupus erythematosus has been reported with thiazide diuretics.

Precautions: The bioavailability of the hydrochlorothiazide component of 'Dyazide' is about 50% of the bioavailability of the single entity. Theoretically, a patient transferred from the single entities of triamterene and hydrochlorothiazide may show an increase in blood pressure or fluid retention. Similarly, it is also possible that the lesser hydrochlorothiazide bioavailability could lead to increased serum potassium levels. However, extensive clinical experience with 'Dyazide' suggests that these conditions have not been commonly observed in clinical practice. Angiotensin-converting enzyme (ACE) inhibitors can elevate serum potassium; use with caution with 'Dyazide'. Do periodic serum electrolyte determinations (particularly important in patients vomiting excessively or receiving parenteral fluids, and during concurrent use with amphotericin B or corticosteroids or corticotropin [ACTH]). Periodic BUN and serum creatinine determinations should be made, especially in the elderly, diabetics or those with suspected or confirmed renal insufficiency. Cumulative effects of the drug may develop in patients with impaired renal function. Thiazides should be used with caution in patients with impaired hepatic function. They can precipitate coma in patients with severe liver disease. Observe regularly for possible blood dyscrasias, liver damage, other idiosyncratic reactions. Blood dyscrasias have been reported in patients receiving triamterene, and leukopenia, thrombocytopenia, agranulocytosis, and aplastic and hemolytic anemia have been reported with thiazides. Thiazides may cause manifestation of latent diabetes mellitus. The effects of oral anticoagulants may be decreased when used concurrently with hydrochlorothiazide; dosage adjustments may be necessary. Clinically insignificant reductions in arterial responsiveness to norepinephrine have been reported. Thiazides have also been shown to increase the paralyzing effect of nondepolarizing muscle relaxants such as tubocurarine. Triamterene is a weak lolic acid antagonist. Do periodic blood studies in cirrhotics with splenomegaly. Antihypertensive effects may be enhanced in post-sympathectomy patients. Use cautiously in surgical patients. Triamterene has been found in renal stones in association with the other usual calculus components. Therefore, 'Dyazide' should be used with caution in patients with histories of stone formation. A few occurrences of acute renal failure have been reported in patients on 'Dyazide' when treated with indomethacin. Therefore, caution is advised in administering nonsteroidal anti-inflammatory agents with 'Dyazide'. The following may occur: transient elevated BUN or creatinine or both, hyperglycemia and glycosuria (diabetic insulin requirements may be altered), hyperuricemia and gout, digitalis intoxication (in hypokalemia), decreasing alkali reserve with possible metabolic acidosis. 'Dyazide' interferes with fluorescent measurement of quinidine. Hypokalemia is uncommon with 'Dyazide', but should it develop, corrective measures should be taken such as potassium supplementation or increased dietary intake of potassium-rich foods. Corrective measures should be instituted cautiously and serum potassium levels determined. Discontinue corrective measures and 'Dyazide' should laboratory values reveal elevated serum potassium. Chloride deficit may occur as well as dilutional hyponatremia. Concurrent use with chlorpropamide may increase the risk of severe hyponatremia. Serum PBI levels may decrease without signs of thyroid disturbance. Calcium excretion is decreased by thiazides. 'Dyazide' should be withdrawn before conducting tests for parathyroid function. Thiazides may add to or potentiate the action of other antihypertensive drugs. Diuretics reduce renal clearance of lithium and increase the risk of lithium toxicity.

Adverse Reactions: Muscle cramps, weakness, dizziness, headache, dry mouth, anaphylaxis, rash, urticaria, photosensitivity, purpura, other dermatological conditions; nausea and vomiting, diarrhea, constipation, other gastrointestinal disturbances; postural hypotension (may be aggravated by alcohol, barbiturates, or narcotics). Necrotizing vasculitis, paresthesias, icterus, pancreatitis, xanthopsia and respiratory distress including pneumonitis and pulmonary edema, transient blurred vision, sialadenitis, and vertigo have occurred with thiazides alone. Triamterene has been found in renal stones in association with other usual calculus components. Rare incidents of acute interstitial nephritis have been reported. Impotence has been reported in a few patients on 'Dyazide', although a causal relationship has not been established.

Supplied: 'Dyazide' is supplied as a red and white capsule, in bottles of 1000 capsules; Single Unit Packages (unit-dose) of 100 (intended for institutional use only); in Patient-Pak™ unit-of-use bottles of 100.

BRS-DZ.L42

In Hypertension* ... When You Need to Conserve K⁺

Remember the Unique Red and White Capsule: Your Assurance of SK&F Quality

Serum K⁺ and BUN should be checked periodically (see Warnings and Precautions).



Potassium-Sparing

DYAZIDE®

25 mg Hydrochlorothiazide/50 mg Triamterene/SKF

Over 20 Years of Confidence

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Your assurance of
SK&F quality.



There's never been a better time for her...





and **PREMARIN**[®]

**Proven benefits beyond relief
of vasomotor symptoms**

**No other estrogen proven
effective for osteoporosis**

Only conjugated estrogens tablets have established efficacy in both osteoporosis¹ and vasomotor symptoms* at 0.625 mg/day. No other estrogen, oral or transdermal, has established clinical evidence or minimum effective dose in both indications.

No estrogen proven safer

PREMARIN is the most extensively tested estrogen, with an unsurpassed record of long-term safety.

And clinical evidence shows a significantly reduced risk of endometrial hyperplasia when cycled with a progestin.²

PREMARIN[®]
(conjugated estrogens tablets)

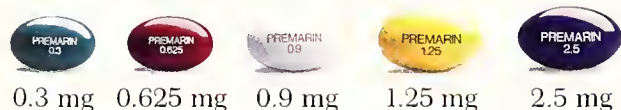
Most trusted for more reasons

*PREMARIN is indicated for moderate-to-severe vasomotor symptoms.

Please see following page for brief summary
of prescribing information.

For moderate-to-severe vasomotor symptoms and for osteoporosis

PREMARIN® (conjugated estrogens tablets)



The appearance of these tablets is a trademark of Ayerst Laboratories.

BRIEF SUMMARY (FOR FULL PRESCRIBING INFORMATION AND PATIENT INFORMATION, SEE PACKAGE CIRCULARS)

PREMARIN® Brand of conjugated estrogens tablets, USP
PREMARIN® Brand of conjugated estrogens Vaginal Cream, in a nontiquefying base

1. ESTROGENS HAVE BEEN REPORTED TO INCREASE THE RISK OF ENDOMETRIAL CARCINOMA. Three independent, case-controlled studies have reported an increased risk of endometrial cancer in postmenopausal women exposed to exogenous estrogens for more than one year. This risk was independent of the other known risk factors for endometrial cancer. These studies are further supported by the finding that incidence rates of endometrial cancer have increased sharply since 1969 in eight different areas of the United States with population-based cancer reporting systems, an increase which may be related to the rapidly expanding use of estrogens during the last decade. The three case-controlled studies reported that the risk of endometrial cancer in estrogen users was about 4.5 to 13.9 times greater than in nonusers. The risk appears to depend on both duration of treatment and on estrogen dose. In view of these findings, when estrogens are used for the treatment of menopausal symptoms, the lowest dose that will control symptoms should be utilized and medication should be discontinued as soon as possible. When prolonged treatment is medically indicated, the patient should be reassessed on at least a semi-annual basis to determine the need for continued therapy. Although the evidence must be considered preliminary, one study suggests that cyclic administration of low doses of estrogen may carry less risk than continuous administration, if therefore appears prudent to utilize such a regimen. Close clinical surveillance of all women taking estrogens is important. In all cases of undiagnosed persistent or recurring abnormal vaginal bleeding, adequate diagnostic measures should be undertaken to rule out malignancy. There is no evidence at present that "natural" estrogens are more or less hazardous than "synthetic" estrogens at equi-estrogenic doses.

2. ESTROGENS SHOULD NOT BE USED DURING PREGNANCY.

The use of female sex hormones, both estrogens and progestogens, during early pregnancy may seriously damage the offspring. It has been shown that females exposed in utero to diethylstilbestrol, a nonsteroidal estrogen, have an increased risk of developing in later life, a form of vaginal or cervical cancer that is ordinarily extremely rare. This risk has been estimated as not greater than 4 per 1,000 exposures. Furthermore, a high percentage of such exposed women (from 30% to 90%) have been found to have vaginal adenosis, epithelial changes of the vagina and cervix. Although these changes are histologically benign, it is not known whether they are precursors of malignancy. Although similar data are not available with the use of other estrogens, it cannot be presumed they would not induce similar changes. Several reports suggest an association between intrauterine exposure to female sex hormones and congenital anomalies, including congenital heart defects and limb-reduction defects. One case-controlled study estimated a 4- to 10-fold increased risk of limb-reduction defects in infants exposed in utero to sex hormones (oral contraceptives, hormone withdrawal tests for pregnancy, or attempted treatment for threatened abortion). Some of these exposures were very short and involved only a few days of treatment. The data suggest that the risk of limb-reduction defects in exposed fetuses is somewhat less than 1 per 1,000. In the past, female sex hormones have been used during pregnancy in an attempt to treat threatened or habitual abortion. There is considerable evidence that estrogens are ineffective for these indications, and there is no evidence from well-controlled studies that progestogens are effective for these uses. If PREMARIN is used during pregnancy, or if the patient becomes pregnant while taking this drug, she should be apprised of the potential risks to the fetus, and the advisability of pregnancy continuation.

DESCRIPTION: PREMARIN (conjugated estrogens, USP) contains a mixture of estrogens, obtained exclusively from natural sources, blended to represent the average composition of material derived from pregnant mares' urine. It contains estrone, equilin, and 17 α -dihydroequilin, together with smaller amounts of 17 α -estradiol, equilin, and 17 α -dihydroequilin as salts of their sulfate esters. Tablets are available in 0.3 mg, 0.625 mg, 0.9 mg, 1.25 mg, and 2.5 mg strengths of conjugated estrogens. Cream is available as 0.625 mg conjugated estrogens per gram.

INDICATIONS AND USAGE: PREMARIN (conjugated estrogens tablets, USP): Moderate-to-severe vasomotor symptoms associated with the menopause. (There is no evidence that estrogens are effective for nervous symptoms or depression without associated vasomotor symptoms and they should not be used to treat such conditions.) Osteoporosis (abnormally low bone mass). Atrophic vaginitis. Kraurosis vulvae. Female castration.

PREMARIN (conjugated estrogens) Vaginal Cream is indicated in the treatment of atrophic vaginitis and kraurosis vulvae.

PREMARIN HAS NOT BEEN SHOWN TO BE EFFECTIVE FOR ANY PURPOSE DURING PREGNANCY AND ITS USE MAY CAUSE SEVERE HARM TO THE FETUS (SEE BOXED WARNING).

Concomitant Progestin Use: The lowest effective dose appropriate for the specific indication should be utilized. Studies of the addition of a progestin for 7 or more days of a cycle of estrogen administration have reported a lowered incidence of endometrial hyperplasia. Morphological and biochemical studies of the endometrium suggest that 10 to 13 days of progestin are needed to provide maximal maturation of the endometrium and to eliminate any hyperplastic changes. Whether this should provide protection from endometrial carcinoma has not been clearly established. There are possible additional risks which may be associated with the inclusion of progestin in estrogen replacement regimens. (See PRECAUTIONS.) The choice of progestin and dosage may be important; product labeling should be reviewed to minimize possible adverse effects.

CONTRAINDICATIONS: Estrogens should not be used in women (or men) with any of the following conditions: 1. Known or suspected cancer of the breast except in appropriately selected patients being treated for metastatic disease. 2. Known or suspected estrogen-dependent neoplasia. 3. Known or suspected pregnancy (see Boxed Warning). 4. Undiagnosed abnormal genital bleeding. 5. Active thrombophlebitis or thromboembolic disorders. 6. A past history of thrombophlebitis, thrombosis, or thromboembolic disorders associated with previous estrogen use (except when used in treatment of breast or prostatic malignancy).

WARNINGS: Estrogens have been reported to increase the risk of endometrial carcinoma (see Boxed Warning). However, a recent large, case-controlled study indicated no increase in risk of breast cancer in postmenopausal women. A recent study has reported a 2- to 3-fold increase in the risk of surgically confirmed gallbladder disease in women receiving postmenopausal estrogens.

Adverse effects of oral contraceptives may be expected at the larger doses of estrogen used to treat prostatic or breast cancer or postpartum breast engorgement, it has been shown that there is an increased risk of thrombosis in men receiving estrogens for prostatic cancer and women for postpartum breast engorgement. Users of oral contraceptives have an increased risk of diseases, such as thrombophlebitis, pulmonary embolism, stroke, and myocardial infarction. Cases of retinal thrombosis, mesenteric thrombosis, and optic neuritis have been reported in oral contraceptive users. An increased risk of postsurgery thromboembolic complications has also been reported in users of oral contraceptives. If feasible, estrogen should be discontinued at least 4 weeks before surgery of the type associated with an increased risk of thromboembolism, or during periods of prolonged immobilization. Estrogens should not be used in persons with active thrombophlebitis, thromboembolic disorders, or in persons with a history of such disorders in association with estrogen use. They should be used with caution in patients with cerebral vascular or coronary artery disease. Large doses (5 mg conjugated estrogens per day), comparable to those used to treat cancer of the prostate and breast, have been shown to increase the risk of nonfatal myocardial infarction, pulmonary embolism, and thrombophlebitis. When doses of this size are used, any of the thromboembolic and thrombotic adverse effects should be considered a clear risk.

For atrophic vaginitis

PREMARIN® (conjugated estrogens)

Vaginal Cream
0.625 mg/g



Benign hepatic adenomas should be considered in estrogen users having abdominal pain and tenderness, abdominal mass, or hypovolemic shock. Hepatocellular carcinoma has been reported in women taking estrogen-containing oral contraceptives. Increased blood pressure may occur with use of estrogens in the menopause and blood pressure should be monitored with estrogen use. A worsening of glucose tolerance has been observed in patients on estrogen-containing oral contraceptives. For this reason, diabetic patients should be carefully observed. Estrogens may lead to severe hypercalcemia in patients with breast cancer and bone metastases.

PRECAUTIONS: Physical examination and a complete medical and family history should be taken prior to the initiation of any estrogen therapy with special reference to blood pressure, breasts, abdomen, and pelvic organs, and should include a Papanicolaou smear. As a general rule, estrogen should not be prescribed for longer than one year without another physical examination being performed. Conditions influenced by fluid retention, such as asthma, epilepsy, migraine, and cardiac or renal dysfunction, require careful observation. Certain patients may develop manifestations of excessive estrogenic stimulation, such as abnormal or excessive uterine bleeding, mastodynia, etc. Prolonged administration of unopposed estrogen therapy has been reported to increase the risk of endometrial hyperplasia in some patients. Oral contraceptives appear to be associated with an increased incidence of mental depression. Patients with a history of depression should be carefully observed. Pre-existing uterine leiomyomata may increase in size during estrogen use. The pathologist should be advised of estrogen therapy when relevant specimens are submitted. If jaundice develops in any patient receiving estrogen, the medication should be discontinued while the cause is investigated. Estrogens should be used with care in patients with impaired liver function, renal insufficiency, metabolic bone diseases associated with hypercalcemia or in young patients in whom bone growth is not yet complete. If concomitant progestin therapy is used, potential risks may include adverse effects on carbohydrate and lipid metabolism.

The following changes may be expected with larger doses of estrogen.

- Increased sulfobromophthalein retention.
- Increased prothrombin and factors VII, VIII, IX, and X, decreased antithrombin 3, increased norepinephrine-induced platelet aggregability.
- Increased thyroid binding globulin (TBG) leading to increased circulating total thyroid hormone, as measured by PBI, T_4 by column, or T_4 by radioimmunoassay. Free T_3 resin uptake is decreased, reflecting the elevated TBG. Free T_4 concentration is unaltered.
- Impaired glucose tolerance.
- Decreased pregnandiol excretion.
- Reduced response to methylxanthine test.
- Reduced serum folate concentration.
- Increased serum triglyceride and phospholipid concentration.

As a general principle, the administration of any drug to nursing mothers should be done only when clearly necessary since many drugs are excreted in human milk.

Long-term, continuous administration of natural and synthetic estrogens in certain animal species increases the frequency of carcinomas of the breast, cervix, vagina, and liver. However, in a recent, large case-controlled study of postmenopausal women there was no increase in risk of breast cancer with use of conjugated estrogens.

ADVERSE REACTIONS: The following have been reported with estrogenic therapy, including oral contraceptives: breakthrough bleeding, spotting, change in menstrual flow, dysmenorrhea, premenstrual-like syndrome, amenorrhea during and after treatment, increase in size of uterine fibromyomata, vaginal candidiasis, change in cervical erosion and in degree of cervical secretion, cystitis-like syndrome, tenderness, enlargement, secretion (of breasts), nausea, vomiting, abdominal cramps, bloating, cholestatic jaundice, chloasma or melasma which may persist when drug is discontinued, erythema multiforme, erythema nodosum, hemorrhagic eruption, loss of scalp hair, hirsutism, steepening of corneal curvature; intolerance to contact lenses, headache, migraine, dizziness, mental depression, chorea, increase or decrease in weight, reduced carbohydrate tolerance, aggravation of porphyria, edema, changes in libido.

ACUTE OVERDOSEAGE: May cause nausea, and withdrawal bleeding may occur in females.

DOSAGE AND ADMINISTRATION:

PREMARIN® Brand of conjugated estrogens tablets, USP

1. *Given cyclically for short-term use only.* For treatment of moderate-to-severe vasomotor symptoms, atrophic vaginitis, or kraurosis vulvae associated with the menopause (0.3 mg to 1.25 mg or more daily). The lowest dose that will control symptoms should be chosen and medication should be discontinued as promptly as possible. Administration should be cyclic (eg, three weeks on and one week off). Attempts to discontinue or taper medication should be made at three- to six-month intervals.

2. *Given cyclically.* Osteoporosis: Female castration—0.625 mg daily. Administration should be cyclic (eg, three weeks on and one week off). Female castration—1.25 mg daily cyclically. Adjust upward or downward according to response of the patient. For maintenance, adjust dosage to lowest level that will provide effective control.

Patients with an intact uterus should be monitored for signs of endometrial cancer and appropriate measures taken to rule out malignancy in the event of persistent or recurring abnormal vaginal bleeding.

PREMARIN® Brand of conjugated estrogens Vaginal Cream

Given cyclically for short-term use only. For treatment of atrophic vaginitis or kraurosis vulvae.

The lowest dose that will control symptoms should be chosen and medication should be discontinued as promptly as possible.

Administration should be cyclic (eg, three weeks on and one week off). Attempts to discontinue or taper medication should be made at three- to six-month intervals.

Usual dosage range: 2 g to 4 g daily, intravaginally, depending on the severity of the condition.

Treated patients with an intact uterus should be monitored closely for signs of endometrial cancer and appropriate diagnostic measures should be taken to rule out malignancy in the event of persistent or recurring abnormal vaginal bleeding.

References:

1. Lindsay R, Hart DM, Clark DM. The minimum effective dose of estrogen for prevention of postmenopausal bone loss. *Obstet Gynecol* 1984;63:759-763. 2. Sludd JWW, Thom MH, Paterson MEL, et al: The prevention and treatment of endometrial pathology in postmenopausal women receiving exogenous estrogens, in Pasetto N, Paoletti R, Ambrosi JL (eds). *The Menopause and Postmenopause*. Lancaster, England, MTP Press Ltd, 1960, chap 13.

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Letters to the Editor

A comment on Dr. Landis's article

To the Editor:

I read with interest Dr. Landis's article "To Test or Not To Test" (NCMJ 1987;48:357-62), and would like to offer a few comments from my point of view. Several crucial questions have not been addressed:

1 Under 2 (page 358), are there "efficacious preventive maneuvers for the transmission of Human Immunodeficiency Virus (HIV)"? This question was posed but not answered, and of course changes in lifestyle and condom usage do prevent transmission.

2 Does the future burden of suffering of those not yet infected warrant screening so that those who are infected can be urged to prevent transmission? I doubt if voluntary testing will accomplish this. Voluntary exclusion of donors certainly did not protect the blood supply, and mandatory testing of each unit of blood became necessary.

3 Why are we so vigilant to protect the rights of people receiving transfusions while we do not consider the rights of the uninfected in a promiscuous society?

4 Public Health measures have tried to protect the public health in the past. Why is this infectious and contagious disease different? Because of the long latent period between acquisition of HIV infection and clinical deterioration with HIV disease, an attempt to identify contacts and break the chain of spread would have a chance of being effective. Why must we sit back and wait for people to volunteer for testing or to wait for clinical illness?

5 Why are only the cases of HIV disease reported to public health authorities and not the cases of HIV seropositivity? We used to report all cases with positive serological tests for syphilis.

These are hard questions. I agree with Dr. Landis about the expense of mass screening. However, the costs of caring for increased numbers of cases of HIV will be many times larger. It is a horrendous problem but I think we should roll up our sleeves, get to work and do the mass screening.

Janet J. Fischer, M.D.

Professor of Medicine

Associate Professor of Microbiology and Immunology

Department of Medicine

UNC School of Medicine

Chapel Hill 27514

Reply from Dr. Landis

To the Editor:

I appreciate Dr. Fischer's comments and questions con-

cerning HIV testing. The published manuscript was one of three presentations concerning HIV testing presented at the 1987 UNC School of Public Health Alumni Conference; the other two presentations covered ethical issues and public health/implementation considerations of mass testing. My presentation obviously covers only one aspect of the issue, i.e., epidemiologic considerations. Most of Dr. Fischer's comments deal with ethical and legal issues which were covered by Dr. Beauchamp and Mr. Jolly. The inclusion of these other two presentations in the journal would have naturally provided a more comprehensive picture of the complex issue of HIV testing.

The major thrust of my talk, and thus the paper, was to alert physicians to the large number of false positive HIV antibody tests (as high as 42%) likely to occur with a mass screening program. By selecting high-risk populations with a higher prevalence of the infection, the accuracy of the tests is markedly improved. I agree with Dr. Fischer that volunteer testing as the sole public health measure is unlikely to be effective in reducing transmission of HIV. A comprehensive approach of education, "self-efficacy" training, mandatory testing of high-risk groups, safe sex, contact notification, sterile needle distributions, organ donor testing, and vaccine development may all eventually be necessary to halt the epidemic.

I agree with Dr. Fischer that lifestyle changes which include reduction in number of sexual partners and condom usage are certainly the mainstay of preventive maneuvers for the transmission of HIV. I do mention some studies regarding behavior changes: (1)homosexual males who have reduced the number of sexual partners and (2)discordant heterosexual couples where one partner is seropositive who have not uniformly used condoms. I doubt that education and behavioral modification will ever be replaced as a major preventive technique, since the estimated 1.5 to 2 million infected persons are unlikely to become uninfected even if antiviral agents are able to retard progression to overt AIDS. People must realize that only partial reduction in high-risk sexual behavior still carries a risk of transmission or seroconverting.

Suzanne Landis, M.D.

Department of Epidemiology

School of Public Health

Department of Medicine

University of North Carolina

Chapel Hill 27514

On AIDS transmission

To the Editor:

The definition of knowingly and intentionally transmitting

AIDS as the use of a potentially deadly weapon is receiving increased acceptance. AIDS patients who know that they are communicable and continue their pattern of promiscuous sexual activities are knowingly and intentionally administering a potential lethal injury to an unsuspecting victim. One individual who learned of this retaliated by killing the perpetrator and later utilized his fear, anger, and frustration regarding the assault in his defense. The United States Army is presently conducting trials of several soldiers who continued their sexual activities despite the knowledge of their potentially fatal effects. As a result there has been a great deal of interest in establishing the concept that knowingly and intentionally communicating AIDS to another be defined as a felony. The legal elements of murder are clearly present under such circumstances.

This raises further questions regarding the legal responsibilities of attending physicians who treat AIDS patients who declare to their physician during the course of treatment that they intend to continue their sexual activities despite the clear and imminent danger that they present to others. If and when a competent or an incompetent individual declares a clear intent to harm other individuals and has the means to do so, it is the obligation of the attending physician in some jurisdictions to warn the specific identified victim or to notify the appropriate legal authorities. Some AIDS patients present with dementia and as a result are unable to make competent decisions. In the case of an incompetent patient there is a duty to institute commitment proceeding, when an individual suffers from a mental disorder and as a result of that disorder becomes a danger to others.

Both competent and incompetent communicable AIDS patients actively engage in prostitution and sell blood. This results in a clear danger to unknown members of the community. In such cases the only recourse is to the criminal justice system for the competent individual and to the mental health system for the incompetent individual. It is readily foreseeable, however, that both hospitals and prisons will increase their resistance to the admission of communicable AIDS patients. Federal policy with guidelines and procedures is therefore urgently needed at this time.

Walter S. Feldman, M.D., J.D., FCLM
6500 Racquet Wood Court
Charlotte 28226

On the recent Blue Cross and Blue Shield of NC advertisement

To the Editor

I am disappointed by your decision to run the recent Blue Cross/Blue Shield PCP advertisement in your July issue. In my opinion it evinces the empty personal lives of many "good doctors."

After an informal poll of my colleagues, I find that I'm not alone in thinking that this ad (which portrays a woman and her two children waiting for their doctor/husband/father to come home) is sexist, antifamily and a selfish medical stance. Families and spouses have by tradition been sacrificed for the needs of patients, and the inability of practitioners and educators to determine the relevant weight of patient's needs versus personal and family needs erodes the idealism students bring to medicine. Families and spouses should be more than neglectable possessions.

Without a doubt the personal sacrifices alluded to in this ad exist and will continue to exist in medicine. I'm not, however, proud of the fact that my family suffers my sacrifices and I would shun recounting this to the public as some badge of courage.

Shame on Blue Cross/Blue Shield for portraying this side of medicine as illustrating quality care and the "good" in doctors.

William Fulcher, M.D.
Snow Hill Medical Center
302 North Greene Street
Snow Hill 28580

Editor's Note:

Mr. James R. Singleton of Blue Cross and Blue Shield of NC has informed us that the "waiting room" ad was shown to a number of physicians in order to test response, and that the response was uniformly positive. He said physicians commented that the ad warmly and accurately pointed out sacrifices that are often unappreciated and overlooked.

Bulletin Board

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October 12-16

Diagnostic Ultrasound: Neurosonology

Place: Winston-Salem

Credit: 7 hours Category I AMA per day

Info: Registrar, Ultrasound Center, Bowman Gray School of Medicine, 300 S. Hawthorne Rd., Winston-Salem 27103. 919/748-4505

October 14-18

NCAFP Annual Scientific Assembly

Place: Asheville

Credit: 18 hours AAFP

Info: Paula Baker, Meeting Coordinator, North Carolina Academy of Family Physicians, P.O. Box 18469, Raleigh 27619. 919/781-6467

October 18-19

Endoscopy and Esophageal Strictures

Place: Research Triangle Park

Credit: 10 hours Category I AMA

Info: Dr. Peter B. Cotton, 919/684-3341

October 19-21

Diagnostic Ultrasound: Arterial & Venous Doppler

Place: Winston-Salem

Credit: 7 hours Category I AMA per day

Info: Registrar, Ultrasound Center, Bowman Gray School of Medicine, 300 S. Hawthorne Rd., Winston-Salem 27103. 919/748-4505

October 20

Men & Reproductive Health — A Shared Responsibility Conference

Place: Durham

Info: Karen Price, Director of Education, Planned Parenthood of Orange County, P.O. Box 3258, Chapel Hill 27514. 919/929-5402

October 22-23

Diagnostic Ultrasound: Urology

Place: Winston-Salem

Credit: 7 hours Category I AMA per day

Info: Registrar, Ultrasound Center, Bowman Gray School of Medicine, 300 S. Hawthorne Rd., Winston-Salem 27103. 919/748-4505

October 23

Dean's CME Program: Excellence in Medical Education

Place: Greenville

Credit: 6 to 7 hours Category 1 AMA

Info: Mary C. Valand, MSW, ACSW, Office of CME, ECU, P.O. Box 7224, Greenville 27835-7224. 919/551-5200

October 26-30

Diagnostic Ultrasound: Echocardiography

Place: Winston-Salem

Credit: 7 hours Category 1 AMA per day

Info: Registrar, Ultrasound Center, Bowman Gray School of Medicine, 300 S. Hawthorne Rd., Winston-Salem 27103. 919/748-4505

October 28-29

5th Annual Stroke Rehabilitation Symposium

Place: Chapel Hill

Info: Martha McLamb or John Bierma, Wake AHEC, 919/755-8295

October 30-31

Lasers in Gynecology

Place: Greenville

Credit: 14.5 Hours Category 1 AMA

Info: Mary C. Valand, MSW, ACSW, Office of CME, ECU, P.O. Box 7224, Greenville 27835-7224. 919/551-5200

October 30-31

Advances in NonSurgical Therapy of Biliary Calculi

Place: Winston-Salem

Info: Emery C. Miller, M.D., Division of Continuing Education, Bowman Gray School of Medicine, 300 S. Hawthorne Dr., Winston-Salem 27103. 919/748-4450

November 1

What Every Administrator Should Know About Lasers

Place: Greenville

Credit: 6 to 7 hours Category 1 AMA

Info: Mary C. Valand, MSW, ACSW, Office of CME, ECU, P.O. Box 7224, Greenville 27835-7224. 919/551-5200

November 1-4

The Difficult Learner

Place: Rougemont

Credit: 20 hours Category 1 AMA, AAFP

Info: Cindi Easterling, Office of CME, Box 3108 DUMC, Durham 27710. 919/684-6878

November 13

Pediatric Rehabilitation

Place: Greenville

Credit: 6 to 7 hours Category 1 AMA

Info: Mary C. Valand, MSW, ACSW, Office of CME, ECU, P.O. Box 7224, Greenville 27835-7224. 919/551-5200

December 1

1987 Series — Duke Tuesday

Place: Durham

Credit: 5 hours Category 1 AMA

Info: Cindi Easterling, Office of CME, Box 3108 DUMC, Durham 27710. 919/684-6878

December 5

University of North Carolina

Ophthalmology Resident's Day

Place: Chapel Hill

Credit: 6 hours Category 1 AMA

Fee: none

Info: Baird S. Grimson, M.D., Dept. of Ophthalmology, 617 Clinical Sciences Bldg. 229H, University of North Carolina at Chapel Hill, Chapel Hill 27514

December 13-16

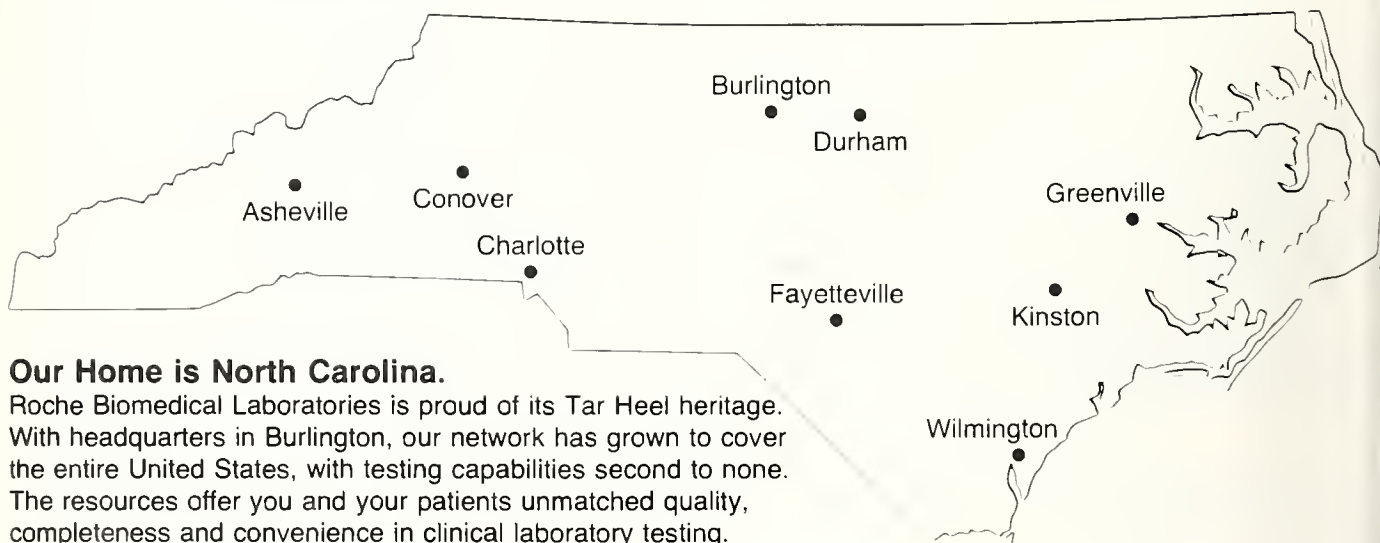
Small Group and Lecture Skills

Place: Rougemont

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In Memoriam

Arlie H. Westfall, M.D.

Whereas, Arlie H. Westfall, M.D., died on May 22, 1987, after a dedicated and exemplary career as a physician in medicine, and

Whereas, Dr. Arlie H. Westfall was born in Enterprise, West Virginia, and graduated from the Fairmont State College, Fairmont, West Virginia, in 1950. He attended the West Virginia School of Medicine and graduated from the Medical College of Virginia in 1955. He was a resident in obstetrics and gynecology at the Medical College of Virginia.

While serving in the U.S. Army, he practiced at Fort Sill Army Hospital, Fort Wainwright Army Hospital, Fitzsimons General Hospital, and the Medical Center Hospital of Odessa, Texas.

He was a member of the American College of Obstetrics and Gynecology and certified by the American Board of Obstetrics and Gynecology.

Dr. Westfall was a member of the American Medical Association, Southern Medical Association, North Carolina Medical Society, North Carolina Society of Obstetrics and

Gynecology, Past President of the Robeson County Medical Society, and at his death was serving as Chief of Surgery at the Southeastern General Hospital, Lumberton, N.C. He was also a charter member of the Southeastern Mental Health Clinic, Physicians Health Plan, and member of the Hudmalls-Ware Society in Virginia.

He began the practice of obstetrics and gynecology at the Southeastern General Hospital in 1966 and was an associate of the Lumberton Clinic of Obstetrics and Gynecology.

He was extremely active in his community and was an avid hunter and pilot. He loved fishing, camping, and flying with his family and friends.

Dr. Westfall was a dedicated and energetic physician in the practice of obstetrics and gynecology and was much loved by his patients and colleagues. He was a devoted husband, father, and grandfather.

Whereas, his loss as a leader in our profession and our community, as a friend, and as an excellent physician will leave a vacancy to those who depended on him for advice and counsel; therefore be it

RESOLVED, that the Robeson County Medical Society record its sorrow at the loss of our friend and colleague, and be it further

RESOLVED, that a copy of this resolution be sent to Dr. Westfall's family and the North Carolina Medical Journal.

D.E. Ward, Jr., M.D.

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Warnings: Use with great care in patients with history of urinary retention or angle-closure glaucoma. Severe constipation may occur in patients taking tricyclic antidepressants and anticholinergic-type drugs. Closely supervise cardiovascular patients. (Arrhythmias, sinus tachycardia and prolongation of conduction time reported with use of tricyclic antidepressants, especially high doses. Myocardial infarction and stroke reported with use of this class of drugs.) Caution patients about possible combined effects with alcohol and other CNS depressants and against hazardous occupations requiring complete mental alertness (e.g., operating machinery, driving).

Use in Pregnancy: Use of minor tranquilizers during the first trimester should almost always be avoided because of increased risk of congenital malformations as suggested in several studies. Consider possibility of pregnancy when instituting therapy; advise patients to discuss therapy if they intend to or do become pregnant.

Since physical and psychological dependence to chlordiazepoxide have been reported rarely, use caution in administering Limbitrol to addiction-prone individuals or those who might increase dosage, withdrawal symptoms following discontinuation of either component alone have been reported (nausea, headache and malaise for amitriptyline, symptoms [including convulsions] similar to those of barbiturate withdrawal for chlordiazepoxide).

Precautions: Use with caution in patients with a history of seizures, in hyperthyroid patients or those on thyroid medication, and in patients with impaired renal or hepatic function. Because of the possibility of suicide in depressed patients, do not permit easy access to large quantities in these patients. Periodic liver function tests and blood counts are recommended during prolonged treatment. Amitriptyline component may block action of guanethidine or similar antihypertensives. When tricyclic antidepressants are used concomitantly with cimetidine (Tagamet), clinically significant effects have been reported involving delayed elimination and increasing steady state concentrations of the tricyclic drugs. Concomitant use of Limbitrol with other psychotropic drugs has not been evaluated, sedative effects may be additive. Discontinue several days before surgery. Limit concomitant administration of ECT to essential treatment. See Warnings for precautions about pregnancy. Limbitrol should not be taken during the nursing period. Not recommended in children under 12. In the elderly and debilitated, limit to smallest effective dosage to preclude ataxia, oversedation, confusion or anticholinergic effects.

Adverse Reactions: Most frequently reported are those associated with either component alone: drowsiness, dry mouth, constipation, blurred vision, dizziness and bloating. Less frequently occurring reactions include vivid dreams, impotence, tremor, confusion and nasal congestion. Many depressive symptoms including anorexia, fatigue, weakness, restlessness and lethargy have been reported as side effects of both Limbitrol and amitriptyline. Granulocytopenia, jaundice and hepatic dysfunction have been observed rarely.

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Cardiovascular: Hypotension, hypertension, tachycardia, palpitations, myocardial infarction, arrhythmias, heart block, stroke.

Psychiatric: Euphoria, apprehension, poor concentration, delusions, hallucinations, hypomania and increased or decreased libido.

Neurologic: Incoordination, ataxia, numbness, tingling and paresthesias of the extremities, extrapyramidal symptoms, syncope, changes in EEG patterns.

Anticholinergic: Disturbance of accommodation, paralytic ileus, urinary retention, dilatation of urinary tract.

Allergic: Skin rash, urticaria, photosensitization, edema of face and tongue, pruritus.

Hematologic: Bone marrow depression including agranulocytosis, eosinophilia, purpura, thrombocytopenia.

Gastrointestinal: Nausea, epigastric distress, vomiting, anorexia, stomatitis, peculiar taste, diarrhea, black tongue.

Endocrine: Testicular swelling and gynecomastia in the male, breast enlargement, galactorrhea and minor menstrual irregularities in the female, elevation and lowering of blood sugar levels, and syndrome of inappropriate ADH (antidiuretic hormone) secretion.

Other: Headache, weight gain or loss, increased perspiration, urinary frequency, mydriasis, jaundice, alopecia, parotid swelling.

Overdosage: Immediately hospitalize patient suspected of having taken an overdose. Treatment is symptomatic and supportive. IV administration of 1 to 3 mg physostigmine salicylate has been reported to reverse the symptoms of amitriptyline poisoning. See complete product information for manifestation and treatment.

Dosage: Individualize according to symptom severity and patient response. Reduce to smallest effective dosage when satisfactory response is obtained. Larger portion of daily dose may be taken at bedtime. Single h.s. dose may suffice for some patients. Lower dosages are recommended for the elderly. Limbitrol DS (double strength) Tablets, initial dosage of three or four tablets daily in divided doses, increased up to six tablets or decreased to two tablets daily as required. Limbitrol Tablets, initial dosage of three or four tablets daily in divided doses, for patients who do not tolerate higher dosages.

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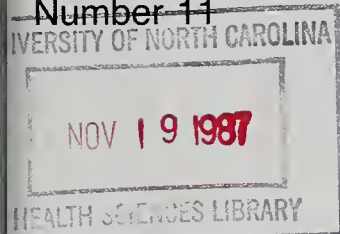
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Number 11



North Carolina Medical Journal

For Doctors and their Patients

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Presenting as a
Retropharyngeal
Mass**

Warner M. Burch, M.D.

**More on
Breast Cancer:
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For Doctors and their Patients

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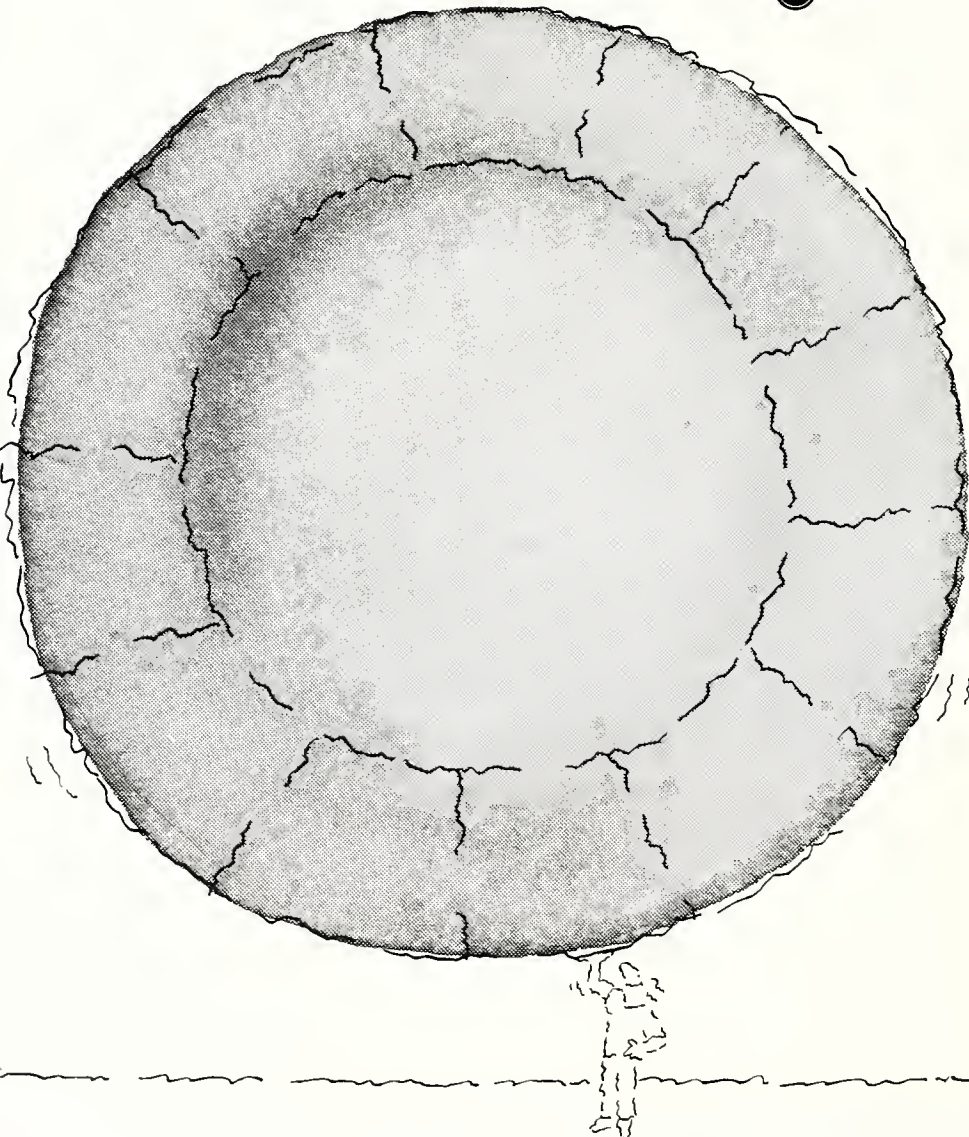
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North Carolina Medical Journal

FOR DOCTORS AND THEIR PATIENTS

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Hashimoto's Thyroiditis Presenting as a Retropharyngeal Mass

Warner M. Burch, M.D.

Current textbooks of endocrinology and thyroidology fail to mention that thyroid disease may present as retropharyngeal masses. This report describes a patient who presented with a large retropharyngeal mass that was thought, preoperatively, to represent an ominous process such as infectious or malignant lymphadenopathy. However, open biopsy of the mass was consistent with Hashimoto's thyroiditis. Hashimoto's thyroiditis is a common form of goitrous hypothyroidism, but its presentation as a retropharyngeal mass is most unusual.

Our 55-year-old white woman complained of increasing fullness on the right side of her neck over the prior six months. She occasionally had difficulty in swallowing food. She denied any neck pain, dyspnea, fever, weight loss, hoarseness, or change in temperature preference, bowel habits, or skin texture. There was no history of head or neck irradiation or family history of thyroid disease.

Her weight was 72 kg; height, 168 cm; blood pressure, 125/80; pulse, 80/min. Positive findings included a 5x7 cm firm mass under the midportion of the right sternocleidomastoid muscle. The mass barely moved on swallowing and was contiguous with the right lobe of the thyroid. The isthmus and left lobe of the thyroid were easily palpable and thought to be minimally enlarged. The oropharynx appeared normal, but a mass was noted arising at the level of the tip of the epiglottis, which protruded anteriorly. The mass was covered by normal mucosa. The vocal cords could not be visualized, but the patient's voice was normal. The remainder of the physical exam was normal.

Laboratory Studies

The patient's hemoglobin was 11.8 gm; hematocrit, 34.5%; RBC, 3.67 million (normochromic and normocytic blood film); and WBC, 5300. The urinalysis, serum electrolytes, serum creatinine, calcium, and phosphorus were normal. The serum cholesterol was 217 mg/dl (normal, 120-230).

From Department of Medicine, Duke University Medical Center, Durham 27710.

Thyroid function studies included: T4 (radioimmunoassay), 7.6 μ g/dl (normal, 5.5-11.5); T3U, 40.6% (normal, 35-45); FTI, 3.1 (normal, 2.2-4.7). The serum thyroid-stimulating hormone (TSH) was 35.9 μ U/ml (normal, 0-10).

X-Ray Studies

Lateral roentgenographs of the neck revealed a large retropharyngeal mass (figure 1, left panel; next page). A barium swallow showed the cervical esophagus to be displaced anteriorly (maximal at the level of C3-4), and there was no evidence of invasion of the esophageal mucosa by the retropharyngeal mass. A technetium scan of the thyroid revealed an enlarged thyroid with the right lobe larger than the left. Areas of increased and decreased tracer accumulation were found. A computed tomogram (CT) showed a homogeneous, retropharyngeal soft tissue mass (see figure 1). The mass was more prominent on the right than on the left and extended from the level of the base of the tongue to the level of the sternoclavicular joints. The retropharyngeal mass compressed the hypopharynx but not the trachea (figure 1, right panel). Note that relatively little soft tissue is anterior to the trachea where the thyroid is located (figure 1, left panel). In view of the bilateral findings, the CT interpretation was read as "suspicious for enlarged lymph nodes probably neoplastic either metastatic disease or primary lymphoma (infectious process less likely)." A comment was made that a primary tumor of the thyroid could not be excluded.

Surgical Procedure

Several attempts to intubate the patient were unsuccessful because of the anterior location and compression of the larynx. Adequate airway was assured by tracheostomy performed under local anesthesia. Once the subcutaneous tissues were divided, dense white appearing tumor mass was encountered overlying the trachea. Following the tracheostomy, general anesthesia was administered. The retropharyngeal mass was exposed and a 1x2 cm biopsy was taken. The mass was contiguous with the thyroid. Small pieces of

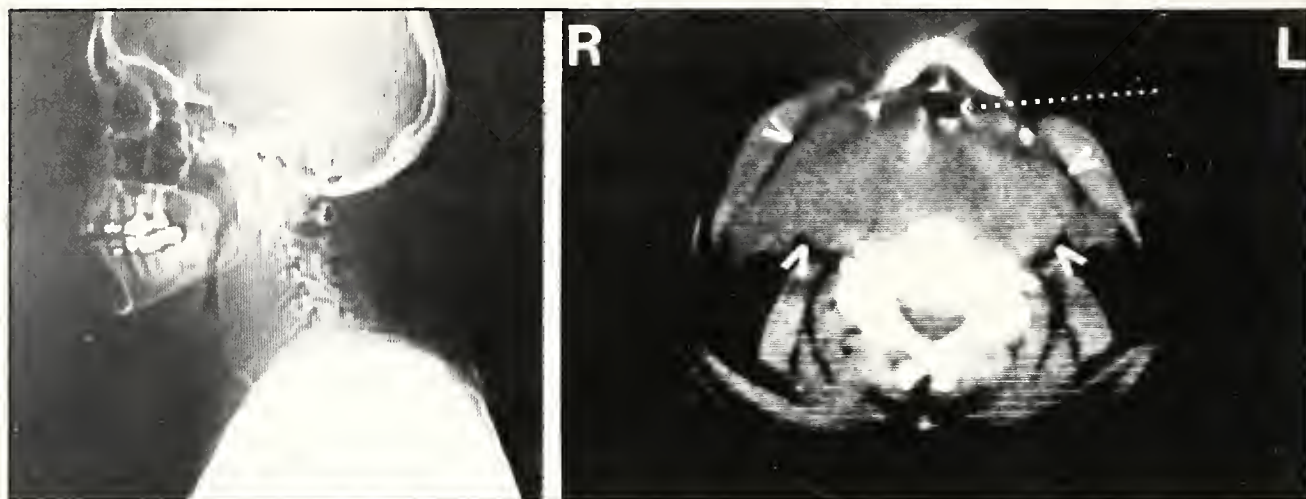


Figure 1. Radiographs of the neck. The left panel shows a lateral x-ray prior to CT. The right panel demonstrates an axial cut at the level of the hyoid bone. Note the large, homogeneous soft tissue mass that extends bilaterally (arrows) and appears to compromise the hypopharynx (dotted line).

the pretracheal tissue obtained during the tracheostomy and the biopsy of the retropharyngeal mass showed histologic changes of chronic thyroiditis (Hashimoto's type). No further surgery was performed.

The patient was discharged with a No. 4 metal tracheostomy tube and was prescribed L-thyroxine 0.1 mg per day. Within three weeks, she was no longer having dysphagia and the tracheostomy tube was removed. The stoma closed without complications. Over the next year the size of the thyroid gradually decreased. Antimicrosomal thyroid antibodies obtained after surgery were 1:9,600 (normal, < 1:100). Five years later, there is no evidence of any thyroid or retropharyngeal mass. She remains euthyroid on replacement L-thyroxine.

Comment

Retropharyngeal masses of thyroid origin are uncommon, since the thyroid develops anterior to the trachea by an outpouching of the pharyngeal floor (the foramen cecum at the base of the tongue) between the first and second branchial arches. The thyroid migrates to the lower anterior neck in front of the hyoid bone and laryngeal cartilages. Lingual thyroid glands and remnants along the path (thyroglossal duct cysts) attest to this embryology. However, thyroid diseases may present as retropharyngeal masses. Generally, these are continuous with a voluminous goiter wrapping around the trachea and esophagus that is seen in such conditions as congenital goiter¹ or multinodular goiter. Benign thyroid adenomas rarely present as retropharyngeal masses.^{2,3} A case of subacute thyroiditis presenting with retropharyngeal fullness was recently reported.⁴ Retropharyngeal spread of thyroid carcinoma to lymph nodes may also occur.⁵

Another case of Hashimoto's thyroiditis presenting as a retropharyngeal mass has been reported.⁶ However, in that case, the thyroid gland appeared normal and was not biopsied because the retropharyngeal mass had no anatomical continuity with the thyroid. The mass was thought to represent a case of ectopic thyroid formation presumably from squamous metaplasia. In the present case, the thyroid and retropharyngeal mass were histologically proven to be Hashimoto's thyroiditis. The patient had lost thyroid reserve (elevated TSH) and had high titers of thyroid antibodies. Treatment with thyroid replacement was associated with gradual resolution of the retropharyngeal mass. Despite the rarity of thyroid diseases that manifest as retropharyngeal masses, the message is clear: diseases of the thyroid should be included in the differential diagnoses of retropharyngeal masses.

A further lesson to be learned from this case is that needle (fine needle or large cutting needle) aspiration biopsy of the mass probably would have aided with the preoperative diagnosis. Initial thyroid studies demonstrated an elevated TSH. Antithyroid antibodies were obtained postoperatively after the diagnosis was made. Such preoperative information in combination with the fine needle aspiration could have permitted a diagnosis of Hashimoto's thyroiditis and obviated the need for open biopsy. Having a cytopathologist experienced in reading thyroid aspirates is crucial for this route of management. While coexistent thyroid carcinoma or lymphoma could not be totally excluded, some clinicians, after reviewing the thyroid function studies and the presumed findings of chronic lymphocytic thyroiditis on needle biopsy, would have recommended a trial of exogenous thyroid hormone suppression before surgical intervention. However, when there is uncertainty as to diagnosis, open biopsy is indicated. ■

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Oh, there is one thing, though.

You do have to give up being afraid to take care of yourself.



Get a checkup. Life is worth it.



BRIEF SUMMARY

CONTRAINDICATIONS

There are no known contraindications to the use of sucralfate.

PRECAUTIONS

Duodenal ulcer is a chronic, recurrent disease. While short-term treatment with sucralfate can result in complete healing of the ulcer, a successful course of treatment with sucralfate should not be expected to alter the post-healing frequency or severity of duodenal ulceration.

Drug Interactions: Animal studies have shown that the simultaneous administration of CARAFATE with tetracycline, phenytoin, or cimetidine will result in a statistically significant reduction in the bioavailability of these agents. This interaction appears to be nonsystemic in origin, presumably resulting from these agents being bound by CARAFATE in the gastrointestinal tract. The bioavailability of these agents may be restored simply by separating the administration of these agents from that of CARAFATE by two hours. The clinical significance of these animal studies is yet to be defined.

Carcinogenesis, Mutagenesis, Impairment of Fertility: No evidence of drug-related tumorigenicity was found in chronic oral toxicity studies of 24 months' duration conducted in mice and rats at doses up to 1 gm/kg (12 times the human dose). A reproduction study in rats at doses up to 38 times the human dose did not reveal any indication of fertility impairment. Mutagenicity studies have not been conducted.

Pregnancy: Pregnancy Category B. Teratogenicity studies have been performed in mice, rats, and rabbits at doses up to 50 times the human dose and have revealed no evidence of harm to the fetus due to sucralfate. There are, however, no adequate and well-controlled studies in pregnant women. Because animal reproduction studies are not always predictive of human response, this drug should be used during pregnancy only if clearly needed.

Nursing Mothers: It is not known whether this drug is excreted in human milk. Because many drugs are excreted in human milk, caution should be exercised when sucralfate is administered to a nursing woman.

Pediatric Use: Safety and effectiveness in children have not been established.

ADVERSE REACTIONS

Adverse reactions to sucralfate in clinical trials were minor and only rarely led to discontinuation of the drug. In studies involving over 2,500 patients, adverse effects were reported in 121 (4.7%). Constipation was the most frequent complaint (2.2%). Other adverse effects, reported in no more than one of every 350 patients, were diarrhea, nausea, gastric discomfort, indigestion, dry mouth, rash, pruritus, back pain, dizziness, sleepiness, and vertigo.

DOSAGE AND ADMINISTRATION

The recommended adult oral dosage for duodenal ulcer is 1 gm four times a day on an empty stomach.

Antacids may be prescribed as needed for relief of pain but should not be taken within one-half hour before or after sucralfate.

While healing with sucralfate may occur during the first week or two, treatment should be continued for 4 to 8 weeks unless healing has been demonstrated by x-ray or endoscopic examination.

HOW SUPPLIED

CARAFATE (sucralfate) 1-gm pink tablets are supplied in bottles of 100 and in Unit Dose Identification Paks of 100. The tablets are embossed with MARION/1712.

Issued 3/84

References:

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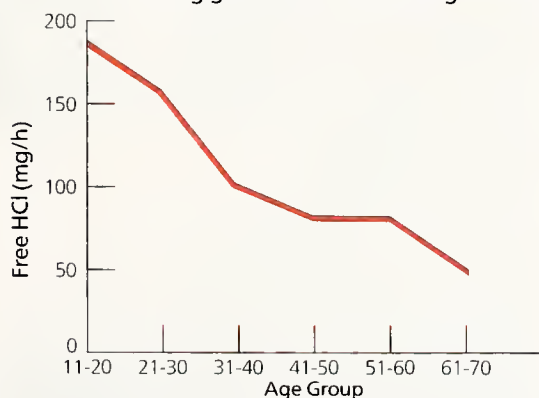
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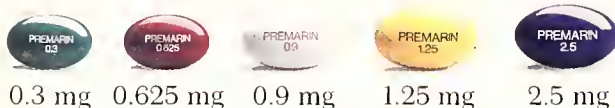
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BRIEF SUMMARY (FOR FULL PRESCRIBING INFORMATION AND PATIENT INFORMATION, SEE PACKAGE CIRCULARS)

PREMARIN® Brand of conjugated estrogens tablets, USP
PREMARIN® Brand of conjugated estrogens Vaginal Cream, in a nonliquefying base

1 ESTROGENS HAVE BEEN REPORTED TO INCREASE THE RISK OF ENDOMETRIAL CARCINOMA. Three independent, case-controlled studies have reported an increased risk of endometrial cancer in postmenopausal women exposed to exogenous estrogens for more than one year. This risk was independent of the other known risk factors for endometrial cancer. These studies are further supported by the finding that incidence rates of endometrial cancer have increased sharply since 1969 in eight different areas of the United States with population-based cancer reporting systems, an increase which may be related to the rapidly expanding use of estrogens during the last decade. The three case-controlled studies reported that the risk of endometrial cancer in estrogen users was about 4.5 to 13.9 times greater than in nonusers. The risk appears to depend on both duration of treatment and on estrogen dose. In view of these findings, when estrogens are used for the treatment of menopausal symptoms, the lowest dose that will control symptoms should be utilized and medication should be discontinued as soon as possible. When prolonged treatment is medically indicated, the patient should be reassessed on at least a semi-annual basis to determine the need for continued therapy. Although the evidence must be considered preliminary, one study suggests that cyclic administration of low doses of estrogen may carry less risk than continuous administration, if therefore appears prudent to utilize such a regimen. Close clinical surveillance of all women taking estrogens is important. In all cases of undiagnosed persistent or recurring abnormal vaginal bleeding, adequate diagnostic measures should be undertaken to rule out malignancy. There is no evidence at present that "natural" estrogens are more or less hazardous than "synthetic" estrogens at equi-estrogenic doses.

2 ESTROGENS SHOULD NOT BE USED DURING PREGNANCY. The use of female sex hormones, both estrogens and progestins, during early pregnancy may seriously damage the offspring. It has been shown that females exposed in utero to diethylstilbestrol, a nonsteroidal estrogen, have an increased risk of developing in later life, a form of vaginal or cervical cancer that is ordinarily extremely rare. This risk has been estimated as not greater than 4 per 1,000 exposures. Furthermore, a high percentage of such exposed women (from 30% to 90%) have been found to have vaginal adenosis, epithelial changes of the vagina and cervix. Although these changes are histologically benign, it is not known whether they are precursors of malignancy. Although similar data are not available with the use of other estrogens, it cannot be presumed they would not induce similar changes. Several reports suggest an association between intrauterine exposure to female sex hormones and congenital anomalies, including congenital heart defects and limb-reduction defects. One case-controlled study estimated a 4.7-fold increased risk of limb-reduction defects in infants exposed in utero to sex hormones (oral contraceptives, hormone withdrawal tests for pregnancy, or attempted treatment for threatened abortion). Some of these exposures were very short and involved only a few days of treatment. The data suggest that the risk of limb-reduction defects in exposed fetuses is somewhat less than 1 per 1,000. In the past, female sex hormones have been used during pregnancy in an attempt to treat threatened or habitual abortion. There is considerable evidence that estrogens are ineffective for these indications, and there is no evidence from well-controlled studies that progestins are effective for these uses. If PREMARI is used during pregnancy, or if the patient becomes pregnant while taking this drug, she should be apprised of the potential risks to the fetus, and the advisability of pregnancy continuation.

DESCRIPTION: PREMARI (conjugated estrogens, USP) contains a mixture of estrogens, obtained exclusively from natural sources, blended to represent the average composition of material derived from pregnant mares' urine. It contains estrone, equilin, and 17 α -dihydroequilin, together with smaller amounts of 17 α -estradiol, equilenin, and 17 α -dihydroequilenin as salts of their sulfate esters. Tablets are available in 0.3 mg, 0.625 mg, 0.9 mg, 1.25 mg, and 2.5 mg strengths of conjugated estrogens. Cream is available as 0.625 mg conjugated estrogens per gram.

INDICATIONS AND USAGE: PREMARI (conjugated estrogens tablets, USP). Moderate-to-severe vasomotor symptoms associated with the menopause. (There is no evidence that estrogens are effective for nervous system or depression without associated vasomotor symptoms and they should not be used to treat such conditions.) Osteoporosis (abnormally low bone mass). Atrophic vaginitis. Kraurosis vulvae. Female castration. PREMARI (conjugated estrogens) Vaginal Cream is indicated in the treatment of atrophic vaginitis and kraurosis vulvae.

PREMARI HAS NOT BEEN SHOWN TO BE EFFECTIVE FOR ANY PURPOSE DURING PREGNANCY AND ITS USE MAY CAUSE SEVERE HARM TO THE FETUS (SEE BOXED WARNING).

Concomitant Progestin Use: The lowest effective dose appropriate for the specific indication should be utilized. Studies of the addition of a progestin for 7 or more days of a cycle of estrogen administration have reported a lowered incidence of endometrial hyperplasia. Morphological and biochemical studies of the endometrium suggest that 10 to 13 days of progestin are needed to provide maximal maturation of the endometrium and to eliminate any hyperplastic changes. Whether this will provide protection from endometrial carcinoma has not been clearly established. There are possible additional risks which may be associated with the inclusion of progestin in estrogen replacement regimens. (See PRECAUTIONS.) The choice of progestin and dosage may be important; product labeling should be reviewed to minimize possible adverse effects.

CONTRAINDICATIONS: Estrogens should not be used in women (or men) with any of the following conditions: 1. Known or suspected cancer of the breast except in appropriately selected patients being treated for metastatic disease. 2. Known or suspected estrogen-dependent neoplasia. 3. Known or suspected pregnancy (see Boxed Warning). 4. Undiagnosed abnormal genital bleeding. 5. Active thrombophlebitis or thromboembolic disorders. 6. A past history of thrombophlebitis, thrombosis, or thromboembolic disorders associated with previous estrogen use (except when used in treatment of breast or prostatic malignancy).

WARNINGS: Estrogens have been reported to increase the risk of endometrial carcinoma (see Boxed Warning). However, a recent large, case-controlled study indicated no increase in risk of breast cancer in postmenopausal women. A recent study has reported a 2- to 3-fold increase in the risk of surgically confirmed gallbladder disease in women receiving postmenopausal estrogens.

Adverse effects of oral contraceptives may be expected at the larger doses of estrogen used to treat prostatic or breast cancer or postpartum breast engorgement, it has been shown that there is an increased risk of thrombosis in men receiving estrogens for prostatic cancer and women for postpartum breast engorgement. Users of oral contraceptives have an increased risk of diseases, such as thrombophlebitis, pulmonary embolism, stroke, and myocardial infarction. Cases of retinal thrombosis, mesenteric thrombosis, and optic neuritis have been reported in oral contraceptive users. An increased risk of postsurgery thromboembolic complications has also been reported in users of oral contraceptives. If feasible, estrogen should be discontinued at least 4 weeks before surgery of the type associated with an increased risk of thromboembolism, or during periods of prolonged immobilization. Estrogens should not be used in persons with active thrombophlebitis, thromboembolic disorders, or in persons with a history of such disorders in association with estrogen use. They should be used with caution in patients with cerebral vascular or coronary artery disease. Large doses (5 mg conjugated estrogens per day), comparable to those used to treat cancer of the prostate and breast, have been shown to increase the risk of nonfatal myocardial infarction, pulmonary embolism, and thrombophlebitis. When doses of this size are used, any of the thromboembolic and thrombotic adverse effects should be considered a clear risk.

For atrophic vaginitis

PREMARIN® (conjugated estrogens)

Vaginal
Cream
0.625 mg/g



Benign hepatic adenomas should be considered in estrogen users having abdominal pain and tenderness, abdominal mass, or hypovolemic shock. Hepatocellular carcinoma has been reported in women taking estrogen-containing oral contraceptives. Increased blood pressure may occur with use of estrogens in the menopause and blood pressure should be monitored with estrogen use. A worsening of glucose tolerance has been observed in patients on estrogen-containing oral contraceptives. For this reason, diabetic patients should be carefully observed. Estrogens may lead to severe hypercalcemia in patients with breast cancer and bone metastases.

PRECAUTIONS: Physical examination and a complete medical and family history should be taken prior to the initiation of any estrogen therapy with special reference to blood pressure, breasts, abdomen, and pelvic organs, and should include a Papanicolaou smear. As a general rule, estrogen should not be prescribed for longer than one year without another physical examination being performed. Conditions influenced by fluid retention, such as asthma, epilepsy, migraine, and cardiac or renal dysfunction, require careful observation. Certain patients may develop manifestations of excessive estrogenic stimulation, such as abnormal or excessive uterine bleeding, mastodynia, etc. Prolonged administration of unopposed estrogen therapy has been reported to increase the risk of endometrial hyperplasia in some patients. Oral contraceptives appear to be associated with an increased incidence of mental depression. Patients with a history of depression should be carefully observed. Pre-existing uterine leiomyomata may increase in size during estrogen use. The pathologist should be advised of estrogen therapy when relevant specimens are submitted. If jaundice develops in any patient receiving estrogen, the medication should be discontinued while the cause is investigated. Estrogens should be used with care in patients with impaired liver function, renal insufficiency, metabolic bone diseases associated with hypercalcemia, or in young patients in whom bone growth is not yet complete. If concomitant progestin therapy is used, potential risks may include adverse effects on carbohydrate and lipid metabolism.

The following changes may be expected with larger doses of estrogen:
a. Increased sulfobromophthalen retention.
b. Increased prothrombin and factors VII, VIII, IX, and X, decreased antithrombin 3, increased norepinephrine-induced platelet aggregability.
c. Increased thyroid binding globulin (TBG) leading to increased circulating total thyroid hormone, as measured by PBI, T_4 by column, or T_4 by radioimmunoassay. Free T_3 resin uptake is decreased, reflecting the elevated TBG. Free T_4 concentration is unaltered.
d. Impaired glucose tolerance.
e. Decreased pregnanediol excretion.
f. Reduced response to metyrapone test.
g. Reduced serum folate concentration.
h. Increased serum triglyceride and phospholipid concentration.

As a general principle, the administration of any drug to nursing mothers should be done only when clearly necessary since many drugs are excreted in human milk.

Long-term, continuous administration of natural and synthetic estrogens in certain animal species increases the frequency of carcinomas of the breast, cervix, vagina, and liver. However, in a recent, large case-controlled study of postmenopausal women there was no increase in risk of breast cancer with use of conjugated estrogens.

ADVERSE REACTIONS: The following have been reported with estrogenic therapy including oral contraceptives: breakthrough bleeding, spotting, change in menstrual flow, dysmenorrhea, premenstrual-like syndrome, amenorrhea during and after treatment, increase in size of uterine fibromyoma, vaginal candidiasis, change in cervical erosion and in degree of cervical secretion, cystitis-like syndrome, tenderness, enlargement, secretion (of breasts), nausea, vomiting, abdominal cramps, bloating, cholestatic jaundice, chloasma or melasma which may persist when drug is discontinued, erythema multiforme, erythema nodosum, hemorrhagic eruption, loss of scalp hair, hirsutism, steepening of corneal curvature, intolerance to contact lenses, headache, migraine, dizziness, mental depression, chorea, increase or decrease in weight, reduced carbohydrate tolerance, aggravation of porphyria, edema, changes in libido.

ACUTE OVERDOSAGE: May cause nausea, and withdrawal bleeding may occur in females.

DOSE AND ADMINISTRATION:

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1. Given cyclically for short-term use only. For treatment of moderate-to-severe vasomotor symptoms, atrophic vaginitis, or kraurosis vulvae associated with the menopause (0.3 mg to 2.5 mg or more daily). The lowest dose that will control symptoms should be chosen and medication should be discontinued as promptly as possible. Administration should be cyclic (eg, three weeks on and one week off). Attempts to discontinue or taper medication should be made at three- to six-month intervals.

2. Given cyclically. Osteoporosis. Female castration. Osteoporosis — 0.625 mg daily. Administration should be cyclic (eg, three weeks on and one week off). Female castration — 1.25 mg daily, cyclically. Adjust upward or downward according to response of the patient. For maintenance, adjust dosage to lowest level that will provide effective control.

Patients with an intact uterus should be monitored for signs of endometrial cancer and appropriate measures taken to rule out malignancy in the event of persistent or recurring abnormal vaginal bleeding.

PREMARIN® Brand of conjugated estrogens Vaginal Cream

Given cyclically for short-term use only. For treatment of atrophic vaginitis or kraurosis vulvae.

The lowest dose that will control symptoms should be chosen and medication should be discontinued as promptly as possible.

Administration should be cyclic (eg, three weeks on and one week off).

Attempts to discontinue or taper medication should be made at three- to six-month intervals.

Usual dosage range: 2 g to 4 g daily, intravaginally, depending on the severity of the condition.

Treated patients with an intact uterus should be monitored closely for signs of endometrial cancer and appropriate diagnostic measures should be taken to rule out malignancy in the event of persistent or recurring abnormal vaginal bleeding.

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Management of Malignant Tracheoesophageal Fistula Using a Celestin Tube

Mark R. Milunski, M.D.

Carcinoma of the esophagus is a particularly dreaded illness for many reasons. Its dismal five-year survival rate of approximately 6%, median survival of six months after diagnosis, and usual advanced state at the time of initial presentation, as well as the lack of adequate curative therapy, make this relatively rare cancer (approximately 1% of all cancers and 4% of all GI cancers) a devastating illness.^{1,2} In most cases, therapy is aimed at palliation of the disease.

This report discusses a frequent complication of esophageal cancer — tracheoesophageal fistula (TEF) — and how to manage it by non-surgical means. The following case is typical of this complication.

My patient is a 52-year-old white man who presented to his private physician with a one- to two-month complaint of dysphagia, initially with solids only but now with liquids as well. Liquids, once swallowed, promptly caused him to cough. He denied fever, chills, hemoptysis, or purulent sputum production. He also reported a 10-pound weight loss over the month prior to presentation as well as new onset of hoarseness. There was a history of heavy, ongoing cigarette smoking and a past history of heavy alcohol consumption. The past medical history is notable for coronary artery disease and valvular heart disease for which the patient underwent coronary artery bypass grafting and aortic valve replacement in 1985.

A barium esophagram revealed an esophageal tumor 5-6 cm in length with free flow of barium into the tracheobronchial tree through a TEF located about 5 cm above the carina. The patient was referred to the Veterans Administration Medical Center in Durham for further evaluation and treatment.

Physical examination revealed a thin man with clear lung fields and mechanical sounds from his prosthetic valve on auscultation. He was asked to swallow a sip of water, which he promptly coughed back up.

Esophagoscopy revealed an esophageal tumor occluding approximately 75% of the lumen. Biopsy of the tumor was diagnostic of squamous cell carcinoma. A modified Celestin silastic esophageal stent was placed, under endoscopic and fluoroscopic guidance, after the patient underwent esophageal dilation. Barium esophagram after the procedure confirmed the position of the stent and the occlusion of the TEF. The patient obtained immediate relief from his incessant coughing of aspirated oral secretions and was able to consume a soft diet on the day after the procedure.

The Problem . . . and a Solution

Tracheoesophageal fistula occurs in 5-10% of patients with cancer of the esophagus.³ TEF can also involve the bronchi and other pulmonary structures. With the diagnosis of TEF, the median survival plummets to approximately six weeks.³ Therefore, proper management is imperative; it can often improve the quality of life, and it can sometimes bring the survival time back up to six months simply by preventing the recurrent aspiration pneumonias which are often the cause of death in these patients.

Moreover, the unaided patient with a TEF is unable to take any nourishment by mouth, which leads to further debility. It is toward this end, improvement of the quality of life, that ways have been sought to overcome TEF and allow patients to consume at least a high-calorie liquid diet.

Various surgical procedures are available for bypassing a TEF. However, these are major procedures and carry a mortality of about 40%. Less invasive means of bypassing TEF have been developed, most of which involve placement of a silastic tube in the esophagus under endoscopic guidance. These tubes serve to both bypass the tumor stricture and occlude the TEF. Mortality from the procedure itself is much less than that from the more invasive bypass procedures.

The Celestin tube is inserted over a flexible fiberoptic gastroscope using the so-called "push-through" technique with topical anesthesia. Stent placement is not without haz-

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ard and should be done only by persons who have experience with the procedure. Esophageal perforation with massive bleeding and mediastinitis are infrequent but disastrous complications occurring in about 2% of patients.⁴ Dislodgement of the stent occurs in about 25% of patients.⁴ The prosthesis can migrate proximally, occluding the airway, or distally into the stomach, sometimes requiring surgical removal. Large pieces of food and tumor overgrowth can occlude the lumen of the stent as well. Stents should not be placed in the proximal esophagus since they can cause a foreign body sensation in the throat or occlude the glottis.

Placement of an esophageal stent often allows a patient to enjoy the taste of food once again without the hazards of aspiration, and can sometimes make an otherwise ineligible patient a candidate for palliative radiation therapy. ■

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Intracranial Aneurysms

for the Primary Care Physician

Allan H. Friedman, M.D.

Intracranial aneurysms are generally considered to be rare lesions whose treatment lies firmly within the province of the neurosurgeon. In fact, intracranial aneurysms are a relatively common cause of stroke, and success in their treatment is firmly predicated upon early diagnosis by primary care physicians.

Subarachnoid hemorrhage is an increasingly important cause of stroke. Although the incidence of both ischemic infarction and hypertensive intracerebral hemorrhage has diminished over the past 30 years, the incidence of subarachnoid hemorrhage has remained constant at 12 per 100,000.¹ Thus approximately 28,000 Americans suffer a subarachnoid hemorrhage from a ruptured aneurysm each year.

The population in whom subarachnoid hemorrhage occurs is generally younger than that involved in ischemic infarction. While 75% of ischemic infarcts occur in patients who are age 65 or older, 75% of subarachnoid hemorrhages occur in patients who are less than 65. Thus, although ischemic stroke is usually associated with diffuse atherosclerotic vascular disease leaving survivors with a 45% chance of dying in the subsequent five years, and intracranial aneurysms are rarely associated with systemic disease, subarachnoid hemorrhage causing stroke can rob patients of more productive years than ischemic stroke.

The Role of the Primary Care Physician

In 25% of patients who suffer a subarachnoid hemorrhage, the presenting symptoms are overlooked or lead to an incorrect diagnosis.²⁻⁴ The patients who are most often overlooked are those who present with a headache but without a substantial concomitant neurological deficit. Since therapeutic intervention is aimed at preventing a second hem-

orrhage and cannot appreciably influence the neurological deficits acquired from the initial hemorrhage, it is those patients who present in good condition who are most likely to benefit from early diagnosis and treatment.

Incorrect diagnosis is the most important remediable cause for serious morbidity and mortality following the rupture of an intracranial aneurysm. The number of patients who return to the hospital dead or with a serious neurological deficit following an incorrect diagnosis far outnumber the morbidity and mortality associated with aneurysm surgery. Thus, subarachnoid hemorrhage is clearly the concern of the primary care physician.

Clinical Presentation

Berry aneurysms are thin-walled outpouchings that occur at the bifurcation of intracranial vessels. Most commonly, they occur at the base of the brain on or close to the circle of Willis. Rarely, intracranial aneurysms are discovered incidentally. Unruptured inadvertently discovered aneurysms greater than six millimeters in diameter rupture at a rate of 3% per year and should be surgically obliterated in patients who have a life expectancy of at least five years.^{5,6} Occasionally an aneurysm comes to clinical attention as an intracranial mass, but most often they present with subarachnoid hemorrhage.

Although the signs and symptoms of a severe subarachnoid hemorrhage are distinctive, the symptoms associated with a less severe hemorrhage may approximate those of other more common conditions. The patient who has suffered a subarachnoid hemorrhage complains of a severe

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Table 1

Characteristics of headache following subarachnoid hemorrhage

- Severe — "worst headache of my life"
- Long lasting — often persists for days
- Abrupt onset — often brought on with exertion
- Novel distribution — "different from my usual headaches"

headache which is remarkable for its intensity. Frequently it is described as "the worst headache I have ever had in my life" (table 1). Occasionally the headache will crescendo over hours or even days but usually it is abrupt in onset. It is rarely described as throbbing.

Associated with the onset of the headache, there is a change in the patient's mental status. The severity of this mental alteration reflects the severity of the hemorrhage and ranges from momentary confusion to persistent coma. Many patients experience nausea. The conscious patient may complain of photophobia and nuchal rigidity. Rarely the patient will develop back and radicular leg pain as the blood pools in the lumbar subarachnoid space.

The emergency room physician and primary care physician are often frustrated because there is no sign or symptom that will invariably distinguish a headache secondary to a ruptured aneurysm from headaches of a more benign etiology. The clue to diagnosing subarachnoid hemorrhage is the unusual intensity and duration of the headache. Even a patient who chronically complains of headache will note that the headache associated with the subarachnoid hemorrhage will (1) occupy a novel distribution, (2) be of unusual intensity, (3) start with an unusually abrupt onset, and/or (4) last longer than the patient's usual headache.

One-third of patients who suffer a catastrophic hemorrhage are noted to have experienced a "warning leak" or small hemorrhage in the days prior.⁷ This "warning leak" is characterized by headache. Again, the headache is distinctive for its intensity, sudden onset, persistence and unusual location. The distribution of the headache does not help in reaching the correct diagnosis, as the headache may be hemicranial, bilateral, orbital or even facial in its distribution. Severe photophobia is unusual although mild nuchal rigidity may be present. It is important to know that the brain CT scan may be negative following a small subarachnoid hemorrhage but that the patient's spinal fluid will almost invariably be xanthochromic and demonstrate red blood cells.

Physical Examination

In some cases physical examination will aid in the diagnosis. In a few cases, the aneurysm itself or the hemorrhage from the aneurysm will act as an intracranial mass causing dysfunction of neighboring structures. Although third nerve

dysfunction (eyelid ptosis, pupillary enlargement and diplopia) is the most common example of neuronal dysfunction secondary to the mass effect of an aneurysm, rupture of the aneurysm into the brain parenchyma can result in hemiparesis, aphasia, etc. Subarachnoid hemorrhage can manifest as a change in mental status, nuchal rigidity or at least discomfort with neck flexion, and subhyaloid hemorrhage on examination of the ocular fundus. The patient's blood pressure is usually elevated.

Laboratory Tests

The diagnosis of a subarachnoid hemorrhage can usually be confirmed by a brain computed tomographic (CT) scan (figure 1). Although the resolution of the CT scanner will not delineate the average sized aneurysm, it will in the majority of cases demonstrate subarachnoid blood. Unfortunately, a negative brain CT scan will not completely rule out the possibility of a subarachnoid hemorrhage. In patients who have suffered a mild hemorrhage, the CT scanner may not have sufficient resolution to demonstrate the subarachnoid blood. In the days following the hemorrhage, the blood may mix with enough cerebrospinal fluid (CSF) to lose its characteristic high density and become isodense with the adjacent brain.

The diagnosis can almost always be made by an examination of the cerebrospinal fluid. Although there is a small risk of inducing further hemorrhage with this technique, the

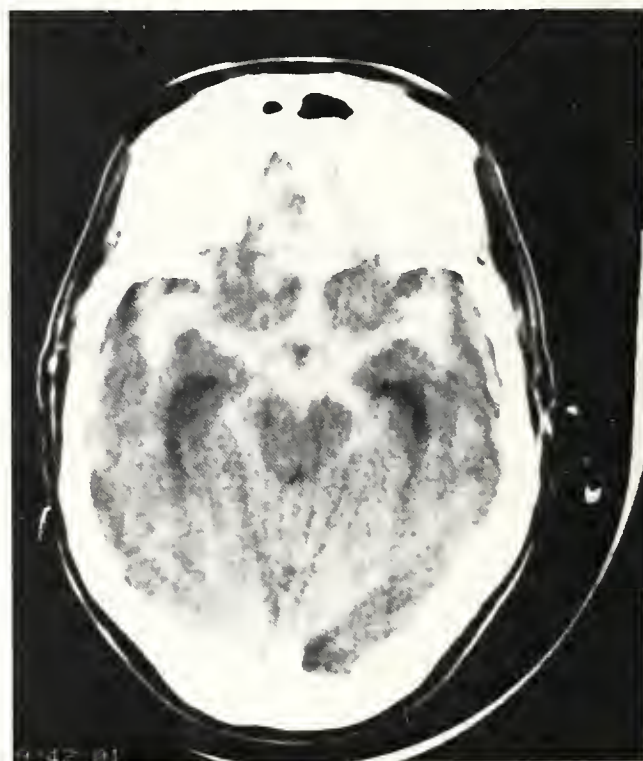


Figure 1. White blood in subarachnoid space outlines darker neural structures.

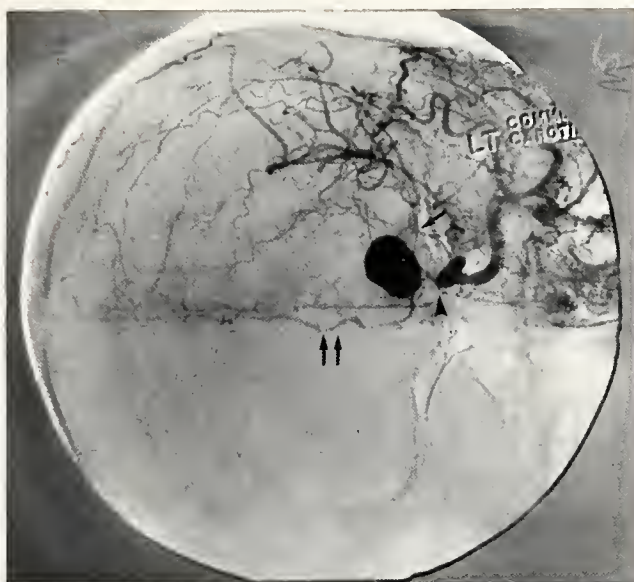


Figure 2. Large aneurysm at bifurcation of internal carotid artery (arrow head) into middle (single arrow) and anterior (double arrow) cerebral arteries. Note the thinness of the vessels. This patient has vasospasm.

potential advantages clearly outweigh this very small risk. In the patient who has no neurological manifestation of an intracranial mass or elevated high intracranial pressure, a spinal tap can be performed with a very low complication rate.

Spontaneous subarachnoid hemorrhage may be differentiated from a traumatic spinal tap by examining the red blood cell count in successive CSF samples. Following a traumatic spinal tap, the red cell count will diminish after some of the CSF has been allowed to drain. One can often determine that a spinal tap was traumatic by counting red blood cells in the first and fifth collection tubes. The differentiation between a traumatic spinal tap and spontaneous subarachnoid hemorrhage can also be made by examining the supernatant of the CSF following centrifugation. If the patient has suffered a spontaneous subarachnoid hemorrhage, the supernatant will be xanthochromic. Because the xanthochromia reflects the degradation of red blood cells within the CSF, the degree of xanthochromia will depend on the extent of the hemorrhage and the length of time between the hemorrhage and the spinal tap. Once the diagnosis of subarachnoid hemorrhage is made, a cerebral angiogram must be performed to delineate the cause of the hemorrhage (figure 2).

Sequelae of a Ruptured Aneurysm

Once the aneurysm has hemorrhaged, the patient may suffer further loss of neurological function as a result of one of several sequelae. The four most common causes of neurological deficits are the initial hemorrhage, vasospasm, recurrent hemorrhage and hydrocephalus. Neurological def-

icits arising from the initial hemorrhage may be permanent or may slowly abate on their own as is the case in any form of stroke. Although the physician cannot resurrect dead neurons, he or she can be certain that the brain is not subjected to further metabolic insults, such as hypoxia or hypoglycemia, while it is healing. These insults will hinder the brain from achieving its maximal potential.

The most feared complication of a ruptured intracranial aneurysm is rebleeding. Twenty percent of patients will suffer a recurrent bleed within two weeks after the initial hemorrhage, and 50% of patients in whom the aneurysm is not obliterated surgically will suffer a second hemorrhage in the ensuing six months.^{8,9} Because the patients have all been weakened by the initial hemorrhage, these second hemorrhages are associated with a mortality of approximately 50%. Pharmacological prevention of rebleeding has been disappointing. Although the antifibrinolytic agent ϵ -aminocaproic acid will halve the rebleeding rate in the two weeks following the initial hemorrhage, patients treated with this agent seem to suffer a higher incidence of stroke.⁸ Thus as a net effect, the patient mortality over the two-week period is unchanged. Surgical obliteration of the aneurysm is the only sure method of preventing rebleeding.

The second major cause of morbidity and mortality is vasospasm. Vasospasm is defined as an idiopathic segmental narrowing of the large intracranial vessels. These contracted segments can be readily identified on an arteriogram. The clinical manifestations of vasospasm are the result of a cerebral ischemia and stroke. Approximately 50% of patients who have suffered a ruptured aneurysm will manifest vasospasm on an angiogram, and in 30% of patients vasospasm will result in a neurologic deficit. Occasionally the primary care physician will make the diagnosis of a ruptured aneurysm only after this neurological deficit from the vasospasm appears.

The exact etiology of vasospasm remains obscure. It has a delayed onset, most often beginning between the third and fourteenth day after the subarachnoid hemorrhage.^{10,11} Vasospasm rarely begins within three days of the subarachnoid hemorrhage. It is this delayed onset that is so perplexing. Despite the frequency and predictable course of this condition, no completely effective therapy has been identified. At present the best therapy for vasospasm is intravascular volume expansion and arterial hypertension.¹²

The third most important complication is hydrocephalus. Because the subarachnoid blood obstructs CSF pathways, most patients who suffer a ruptured aneurysm will initially have some hydrocephalus. A small number of patients will develop progressive unresolving normal pressure hydrocephalus manifest as confusion, gait difficulty and urinary incontinence.

Therapy¹³

The point of this article is that the first step in successfully

treating a ruptured aneurysm is prompt diagnosis of a subarachnoid hemorrhage. After identifying the hemorrhage, precautions are taken to avoid a sudden elevation in the patient's blood pressure which might rupture the aneurysm. The patient is kept at bedrest in a dimly lit, quiet room. Visitation is limited. The patient is given stool softeners to avoid constipation and sometimes a mild sedative that will suppress anxiety but not affect the patient's mental status. Precautions are taken to keep the confused patient from falling out of bed. Although rebleeding from the aneurysm can be reduced by the use of ϵ -aminocaproic acid, this agent does not reduce the overall mortality associated with the condition.

The definitive treatment for an intracranial aneurysm is surgical. Most frequently, at the time of surgery, the base of the aneurysm is separated from the vascular lumen with a metal clip. Technical advances in microsurgery over the past 20 years have greatly reduced the hazards associated with aneurysm surgery.

The timing of the surgical repair remains controversial. In the 1950s surgeons performed surgery as soon as the diagnosis of a ruptured aneurysm was made. The anesthetic techniques and surgical equipment available at that time left them poorly prepared to tackle an acutely ruptured aneurysm. They also noted delayed deterioration of their patients which we now know was secondary to vasospasm. In the late 1960s and 1970s most surgeons delayed surgery for at least ten days or until the vasospasm had passed. This regimen combined with technical advances led to a drastic decline in the operative morbidity and mortality.

Unfortunately, in a review of the total population who had suffered from ruptured intracranial aneurysm, it was found that many patients died prior to becoming surgical candidates. This led to the exploration of two further modifications in therapy. First, there is some preliminary data suggesting that calcium channel blocking agents, if begun soon after the subarachnoid hemorrhage, can mitigate the effects of vasospasm. This finding led to a cooperative investigation of the use of calcium channel blockers in the therapy of ruptured intracranial aneurysm. Second, newer technology has made it safer to operate on intracranial aneurysms soon after rupture. Now that we know that vasospasm

rarely occurs prior to the third day after the hemorrhage, many surgeons advocate operating on aneurysms within this three-day hiatus. ■

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Brief Summary. Consult the package literature for prescribing information. **Indications and Usage:** Keflet[®] Tablets (cephalexin, Dista) are indicated for the treatment of the following infections when caused by susceptible strains of the designated microorganisms:

Respiratory tract infections caused by *Streptococcus pneumoniae* and group A β -hemolytic streptococci (Penicillin is the usual drug of choice in the treatment and prevention of streptococcal infections, including the prophylaxis of rheumatic fever. Keflet is generally effective in the eradication of streptococci from the nasopharynx; however, substantial data establishing the efficacy of Keflet in the subsequent prevention of rheumatic fever are not available at present.)

Otitis media due to *S. pneumoniae*, *Haemophilus influenzae*, staphylococci, streptococci, and *Neisseria catarrhalis*

Skin and skin structure infections caused by staphylococci and/or streptococci

Bone infections caused by staphylococci and/or *Proteus mirabilis*

Genitourinary tract infections, including acute prostatitis, caused by *Escherichia coli*, *P. mirabilis*, and *Klebsiella* sp.

Note—Culture and susceptibility tests should be initiated prior to and during therapy. Renal function studies should be performed when indicated.

Contraindication: Keflet is contraindicated in patients with known allergy to the cephalosporin group of antibiotics.

Warnings: BEFORE CEPHALOXIN THERAPY IS INSTITUTED, CAREFUL INQUIRY SHOULD BE MADE CONCERNING PREVIOUS HYPERSENSITIVITY REACTIONS TO CEPHALOSPORINS AND PENICILLIN. CEPHALOSPORIN C DERIVATIVES SHOULD BE GIVEN CAUTIOUSLY TO PENICILLIN-SENSITIVE PATIENTS.

SERIOUS ACUTE HYPERSENSITIVITY REACTIONS MAY REQUIRE EPINEPHRINE AND OTHER EMERGENCY MEASURES.

There is some clinical and laboratory evidence of partial cross-allergenicity of the penicillins and the cephalosporins. Patients have been reported to have had severe reactions (including anaphylaxis) to both drugs.

Any patient who has demonstrated some form of allergy, particularly to drugs, should receive antibiotics cautiously. No exception should be made with regard to Keflet.

Pseudomembranous colitis has been reported with virtually all broad-spectrum antibiotics (including macrolides, semisynthetic penicillins, and cephalosporins); therefore, it is important to consider its diagnosis in patients who develop diarrhea in association with the use of antibiotics. Such colitis may range in severity from mild to life-threatening.

Treatment with broad-spectrum antibiotics alters the normal flora of the colon and may permit overgrowth of clostridia. Studies indicate that a toxin produced by *Clostridium difficile* is one primary cause of antibiotic-associated colitis.

Mild cases of pseudomembranous colitis usually respond to drug discontinuance alone. In moderate to severe cases, management should include sigmoidoscopy, appropriate bacteriologic studies, and fluid, electrolyte, and protein supplementation. When the colitis does not improve after the drug has been discontinued, or when it is severe, oral vancomycin is the drug of choice for antibiotic-associated pseudomembranous colitis produced by *C. difficile*. Other causes of colitis should be ruled out.

Usage in Pregnancy—Safety of this product for use during pregnancy has not been established.

Precautions: **General**—Patients should be followed carefully so that any side effects or unusual manifestations of drug idiosyncrasy may be detected. If an allergic reaction to Keflet occurs, the drug should be discontinued and the patient treated with the usual agents (eg, epinephrine or other pressor amines, antihistamines, or corticosteroids).

Prolonged use of Keflet may result in the overgrowth of nonsusceptible organisms. Careful observation of the patient is essential. If superinfection occurs during therapy, appropriate measures should be taken.

Positive direct Coombs' tests have been reported during treatment with the cephalosporin antibiotics. In hematology studies or in transfusion cross-matching procedures when antiglobulin tests are performed on the minor side or in Coombs' testing of newborns whose mothers have received cephalosporin antibiotics before parturition, it should be recognized that a positive Coombs' test may be due to the drug.

Keflet should be administered with caution in the presence of markedly impaired renal function. Under such conditions, careful clinical observation and laboratory studies should be made because safe dosage may be lower than that usually recommended.

Indicated surgical procedures should be performed in conjunction with antibiotic therapy.

As a result of administration of Keflet, a false-positive reaction for glucose in the urine may occur. This has been observed with Benedict's and Fehling's solutions and also with Clintest[®] tablets but not with Tes-Tape[®] (Glucose Enzymatic Test Strip, USP, Lilly).

Broad-spectrum antibiotics should be prescribed with caution in individuals with a history of gastrointestinal disease, particularly colitis.

Usage in Pregnancy—**Pregnancy Category B**—The daily oral administration of cephalixin to rats in doses of 250 or 500 mg/kg prior to and during pregnancy, or to rats and mice during the period of organogenesis only, had no adverse effect on fertility, fetal viability, fetal weight, or litter size. Note that the safety of cephalixin during pregnancy in humans has not been established.

Cephalixin showed no enhanced toxicity in weanling and newborn rats as compared with adult animals. Nevertheless, because the studies in humans cannot rule out the possibility of harm, Keflet should be used during pregnancy only if clearly needed.

Nursing Mothers—The excretion of cephalixin in the milk increased up to 4 hours after a 500-mg dose, the drug reached a maximum level of 4 μ g/mL, then decreased gradually and had disappeared 8 hours after administration. Caution should be exercised when Keflet is administered to a nursing woman.

Adverse Reactions: **Gastrointestinal**—Symptoms of pseudomembranous colitis may appear either during or after antibiotic treatment. Nausea and vomiting have been reported rarely. The most frequent side effect has been diarrhea. It was very rarely severe enough to warrant cessation of therapy. Dyspepsia and abdominal pain have also occurred. As with some penicillins and some other cephalosporins, transient hepatitis and cholestatic jaundice have been reported rarely.

Hypersensitivity—Allergic reactions in the form of rash, urticaria, angioedema, and, rarely, erythema multiforme, Stevens-Johnson Syndrome, or toxic epidermal necrolysis have been observed. These reactions usually subsided upon discontinuation of the drug. Anaphylaxis has also been reported.

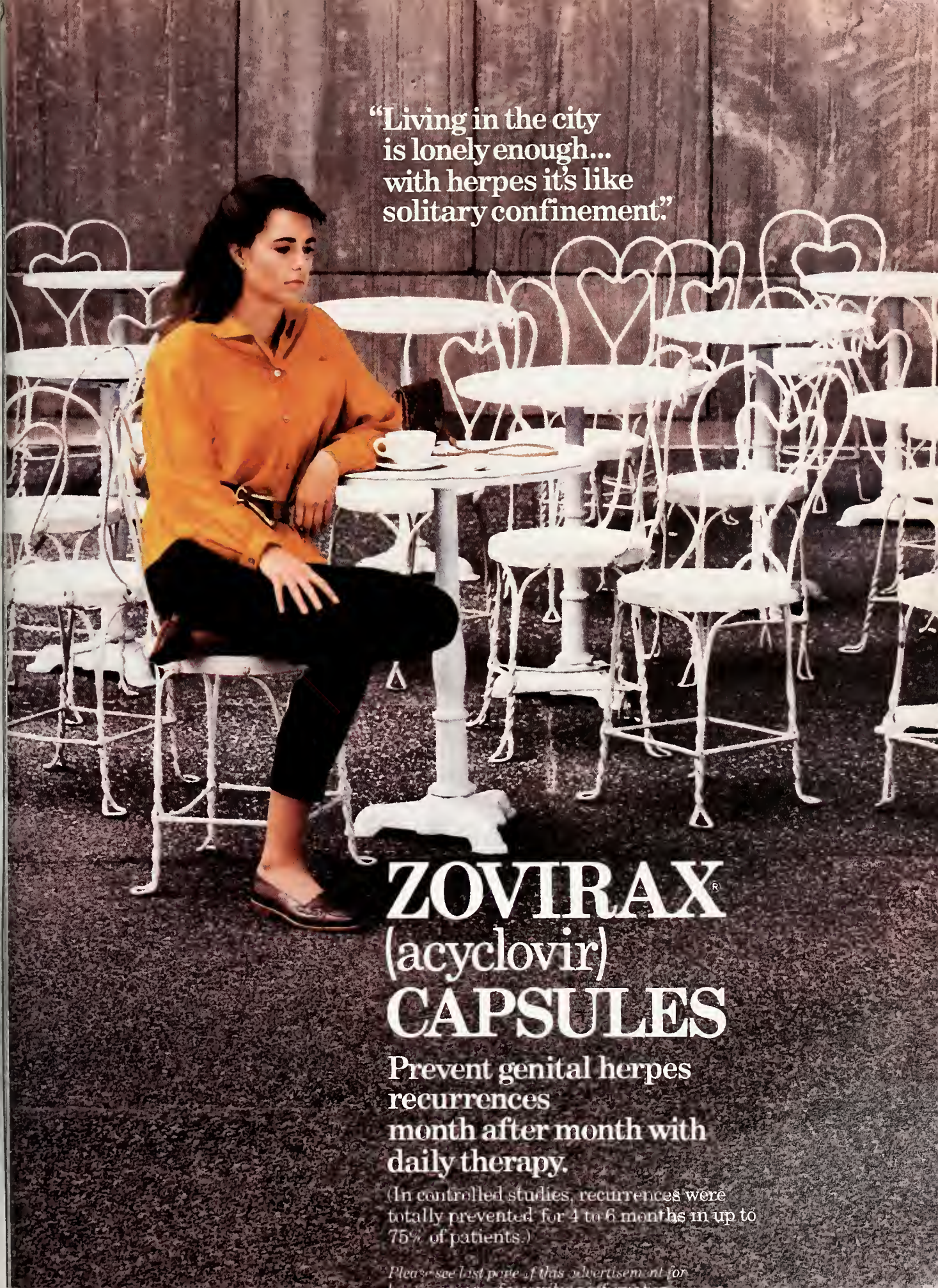
Other reactions have included genital and anal pruritus, genital moniliasis, vaginitis and vaginal discharge, dizziness, fatigue, and headache. Reversible interstitial nephritis has been reported rarely. Eosinophilia, neutropenia, thrombocytopenia, and slight elevations in SGOT and SGPT have been reported.

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A woman with dark hair, wearing an orange long-sleeved shirt and dark pants, sits alone at a white metal table in a cafe. She is looking down with a somber expression. The cafe has many similar empty tables and chairs, and a dark wood-paneled wall in the background.

"Living in the city
is lonely enough...
with herpes it's like
solitary confinement."

ZOVIRAX[®] (acyclovir) CAPSULES

Prevent genital herpes
recurrences
month after month with
daily therapy.

(In controlled studies, recurrences were
totally prevented for 4 to 6 months in up to
75% of patients.)

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**Help free your
patients from
recurrences.**

Daily therapy

Coping with genital herpes is rarely easy. For some, the worst part is the pain and discomfort of frequent attacks — month after month, year after year. For others, the emotional burden presents a more difficult problem, leading to social isolation, anxiety, and diminished self-esteem.

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Although your patients have to live with herpes, they shouldn't have to suffer. Daily therapy with ZOVIRAX CAPSULES can help free them from the cycle of recurrent genital herpes. For many, one capsule three times a day can suppress recurrences completely while on therapy.

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Daily therapy with ZOVIRAX CAPSULES is generally well tolerated. The most frequent adverse reactions reported during clinical trials were headache, diarrhea, nausea/vomiting, vertigo, and arthralgia.

The physical and emotional difficulties posed by genital herpes are unique for each patient. The frequency and severity of recurrent episodes, as well as the emotional impact of the disease, should be considered when selecting daily therapy with ZOVIRAX CAPSULES.

*Please see brief summary of
prescribing information on next page.*



Prevent recurrences month after month* **ZOVIRAX®** (acyclovir) **CAPSULES**

Brief Summary

INDICATIONS AND USAGE: Zovirax Capsules are indicated for the treatment of initial episodes and the management of recurrent episodes of genital herpes in certain patients.

The severity of disease is variable depending upon the immune status of the patient, the frequency and duration of episodes, and the degree of cutaneous or systemic involvement. These factors should determine patient management, which may include symptomatic support and counseling only, or the institution of specific therapy. The physical, emotional and psycho-social difficulties posed by herpes infections as well as the degree of debilitation, particularly in immunocompromised patients, are unique for each patient, and the physician should determine therapeutic alternatives based on his or her understanding of the individual patient's needs. Thus Zovirax Capsules are not appropriate in treating all genital herpes infections. The following guidelines may be useful in weighing the benefit/risk considerations in specific disease categories:

First Episodes (primary and nonprimary infections — commonly known as initial genital herpes):

Double-blind, placebo-controlled studies have demonstrated that orally administered Zovirax significantly reduced the duration of acute infection (detection of virus in lesions by tissue culture) and lesion healing. The duration of pain and new lesion formation was decreased in some patient groups. The promptness of initiation of therapy and/or the patient's prior exposure to Herpes simplex virus may influence the degree of benefit from therapy. Patients with mild disease may derive less benefit than those with more severe episodes. In patients with extremely severe episodes, in which prostration, central nervous system involvement, urinary retention or inability to take oral medication require hospitalization and more aggressive management, therapy may be best initiated with intravenous Zovirax.

Recurrent Episodes:

Double-blind, placebo-controlled studies in patients with frequent recurrences (6 or more episodes per year) have shown that Zovirax Capsules given for 4 to 6 months prevented or reduced the frequency and/or severity of recurrences in greater than 95% of patients. Clinical recurrences were prevented in 40 to 75% of patients. Some patients experienced increased severity of the first episode following cessation of therapy; the severity of subsequent episodes and the effect on the natural history of the disease are still under study.

The safety and efficacy of orally administered acyclovir in the suppression of frequent episodes of genital herpes have been established only for up to 6 months. Chronic suppressive therapy is most appropriate when, in the judgement of the physician, the benefits of such a regimen outweigh known or potential adverse effects. In general, Zovirax Capsules should not be used for the suppression of recurrent disease in mildly affected patients. Unanswered questions concerning the human relevance of *in vitro* mutagenicity studies and reproductive toxicity studies in animals given very high doses of acyclovir for short periods (see Carcinogenesis, Mutagenesis, Impairment of Fertility) should be borne in mind when designing long-term management for individual patients. Discussion of these issues with patients will provide them the opportunity to weigh the potential for toxicity against the severity of their disease. Thus, this regimen should be considered only for appropriate patients and only for six months until the results of ongoing studies allow a more precise evaluation of the benefit/risk assessment of prolonged therapy.

Limited studies have shown that there are certain patients for whom intermittent short-term treatment of recurrent episodes is effective. This approach may be more appropriate than a suppressive regimen in patients with infrequent recurrences.

Immunocompromised patients with recurrent herpes infections can be treated with either intermittent or chronic suppressive therapy. Clinically significant resistance, although rare, is more likely to be seen with prolonged or repeated therapy in severely immunocompromised patients with active lesions.

CONTRAINDICATIONS: Zovirax Capsules are contraindicated for patients who develop hypersensitivity or intolerance to the components of the formulation.

WARNINGS: Zovirax Capsules are intended for oral ingestion only.

PRECAUTIONS: General: Zovirax has caused decreased spermatogenesis at high doses in some animals and mutagenesis in some acute studies at high concentrations of drug (see PRECAUTIONS — Carcinogenesis, Mutagenesis, Impairment of Fertility). The recommended dosage and length of treatment should not be exceeded (see DOSAGE AND ADMINISTRATION).

Exposure of Herpes simplex isolates to acyclovir *in vitro* can lead to the emergence of less sensitive viruses. The possibility of the appearance of less sensitive viruses in man must be borne in mind when treating patients. The relationship between the *in vitro* sensitivity of Herpes simplex virus to acyclovir and clinical response to therapy has yet to be established.

Because of the possibility that less sensitive virus may be selected in patients who are receiving acyclovir, all patients should be advised to take particular care to avoid potential transmission of virus if active lesions are present while they are on therapy. In severely immunocompromised patients, the physician should be aware that prolonged or repeated courses of acyclovir may result in selection of resistant viruses which may not fully respond to continued acyclovir therapy.

Drug Interactions: Co-administration of probenecid with intravenous acyclovir has been shown to increase the mean half-life and the area under the concentration-time curve. Urinary excretion and renal clearance were correspondingly reduced.

Carcinogenesis, Mutagenesis, Impairment of Fertility: Acyclovir was tested in lifetime bioassays in rats and mice at single daily doses of 50, 150 and 450 mg/kg given by gavage. There was no statistically significant difference in the incidence of tumors between treated and control animals, nor did acyclovir shorten the latency of tumors. In 2 *in vitro* cell transformation assays, used to provide preliminary assessment of potential oncogenicity in advance of these more definitive life-time bioassays in rodents, conflicting results were obtained. Acyclovir was positive at the highest dose used in one system and the resulting morphologically transformed cells formed tumors when inoculated into immunosuppressed, syngeneic, weanling mice. Acyclovir was negative in another transformation system considered less sensitive.

In acute studies, there was an increase, not statistically significant, in the incidence of chromosomal damage at maximum tolerated parenteral doses of 100 mg/kg acyclovir in rats but not Chinese hamsters; higher doses of 500 and 1000 mg/kg were clastogenic in Chinese hamsters. In addition, no activity was found after 5 days dosing in a dominant lethal study in mice. In 6 of 11 microbial and mammalian cell assays, no evidence of mutagenicity was observed. At 3 loci in a Chinese hamster ovary cell line, the results were inconclusive. In 2 mammalian cell assays (human lymphocytes and L5178Y mouse lymphoma cells *in vitro*), positive responses for mutagenicity and chromosomal damage occurred, but only at concentrations at least 400 times the acyclovir plasma levels achieved in man.

Acyclovir has not been shown to impair fertility or reproduction in mice (450 mg/kg/day, p.o.) or in rats (25 mg/kg/day, s.c.). At 50 mg/kg/day s.c. in the rat, there was a statistically significant increase in post-implantation loss, but no concomitant decrease in litter size. In female rabbits treated subcutaneously with acyclovir subsequent to mating, there was a statistically significant decrease in implantation efficiency but no concomitant decrease in litter size at a dose of 50 mg/kg/day. No effect upon implantation efficiency was observed when the same dose was administered intravenously. In a rat peri- and postnatal study at 50 mg/kg/day s.c., there was a statistically significant decrease in the group mean numbers of corpora lutea, total implantation sites and live fetuses in the F₁ generation. Although not statistically significant, there was also a dose related decrease in group mean numbers of live fetuses and implantation sites at 12.5 mg/kg/day and 25 mg/kg/day, s.c. The intravenous administration of 100 mg/kg/day, a dose known to cause obstructive nephropathy in rabbits, caused a significant increase in fetal resorptions and a corresponding decrease in litter size. However, at a

maximum tolerated intravenous dose of 50 mg/kg/day in rabbits, there were no drug-related reproductive effects.

Intraperitoneal doses of 320 or 80 mg/kg/day acyclovir given to rats for 1 and 6 months, respectively, caused testicular atrophy. Testicular atrophy was persistent through the 4-week postdose recovery phase after 320 mg/kg/day; some evidence of recovery of sperm production was evident 30 days post-dose. Intravenous doses of 100 and 200 mg/kg/day acyclovir given to dogs for 31 days caused aspermato-genesis. Testicles were normal in dogs given 50 mg/kg/day, i.v. for one month.

Pregnancy: Teratogenic Effects: Pregnancy Category C. Acyclovir was not teratogenic in the mouse (450 mg/kg/day, p.o.), rat (50 mg/kg/day, s.c.) or rabbit (50 mg/kg/day, s.c. and i.v.). There are no adequate and well-controlled studies in pregnant women. Acyclovir should not be used during pregnancy unless the potential benefit justifies the potential risk to the fetus. Although acyclovir was not teratogenic in animal studies, the drug's potential for causing chromosome breaks at high concentration should be taken into consideration in making this determination.

Nursing Mothers: It is not known whether this drug is excreted in human milk. Because many drugs are excreted in human milk, caution should be exercised when Zovirax is administered to a nursing woman. In nursing mothers, consideration should be given to not using acyclovir treatment or discontinuing breastfeeding.

Pediatric Use: Safety and effectiveness in children have not been established.

ADVERSE REACTIONS — Short-Term Administration: The most frequent adverse reactions reported during clinical trials were nausea and/or vomiting in 8 of 298 patient treatments (2.7%) and headache in 2 of 298 (0.6%). Less frequent adverse reactions, each of which occurred in 1 of 298 patient treatments (0.3%), included diarrhea, dizziness, anorexia, fatigue, edema, skin rash, leg pain, inguinal adenopathy, medication taste and sore throat.

Long-Term Administration: The most frequent adverse reactions reported in studies of daily therapy for 3 to 6 months were headache in 33 of 251 patients (13.1%), diarrhea in 22 of 251 (8.8%), nausea and/or vomiting in 20 of 251 (8.0%), vertigo in 9 of 251 (3.6%), and arthralgia in 9 of 251 (3.6%). Less frequent adverse reactions, each of which occurred in less than 3% of the 251 patients (see number of patients in parentheses), included skin rash (7), insomnia (4), fatigue (7), fever (4), palpitations (1), sore throat (2), superficial thrombophlebitis (1), muscle cramps (2), paronychia (1), menstrual abnormality (4), acne (3), lymphadenopathy (2), irritability (1), accelerated hair loss (1), and depression (1).

DOSAGE AND ADMINISTRATION: Treatment of initial genital herpes: One 200 mg capsule every 4 hours, while awake, for a total of 5 capsules daily for 10 days (total 50 capsules).

Chronic suppressive therapy for recurrent disease: One 200 mg capsule 3 times daily for up to 6 months. Some patients may require more drug, up to one 200 mg capsule 5 times daily for up to 6 months.

Intermittent Therapy: One 200 mg capsule every 4 hours, while awake, for a total of 5 capsules daily for 5 days (total 25 capsules). Therapy should be initiated at the earliest sign or symptom (prodrome) of recurrence.

Patients With Acute or Chronic Renal Impairment: One 200 mg capsule every 12 hours is recommended for patients with creatinine clearance ≤ 10 ml/min/1.73 m².

HOW SUPPLIED: Zovirax Capsules (blue, opaque) containing 200 mg acyclovir and printed with "Wellcome ZOVIRAX 200" - Bottles of 100 (NDC-0081-0991-55) and unit dose pack of 100 (NDC-0081-0991-56).

Store at 15°-30°C (59°-86°F) and protect from light.

*In controlled studies, recurrences were totally prevented for 4 to 6 months in up to 75% of patients.

Burroughs Wellcome Co., Research Triangle Park, North Carolina 27709



Fever with a Dissecting Aorta Aneurysm

A Case Report and Review of the Literature

Bruce Gould, M.D., and Ralph Corey, M.D.

“There is no disease more conducive to clinical humility than aneurysm of the aorta.” (William Osler¹)

Despite the great strides in our diagnostic capabilities, Dr. Osler's words still hold true today. The protean manifestations of dissecting aortic aneurysms make the diagnosis an elusive one. One of the less common symptoms, fever, can lead to an extensive and unproductive workup.

We report a case of fever of unknown origin secondary to a chronically dissecting aortic aneurysm, and review six previous cases. A recognition of this association may be helpful in the workup of patients with either of these problems.

A 79-year-old white woman with a one-year history of mild hypertension presented with the sudden onset of intense back pain radiating to the left precordium. She described the pain as “a firecracker going off in my chest.” Examination showed a blood pressure of 180/90 mmHg in her right arm. A myocardial infarction was ruled out by serial enzymes and electrocardiograms. However, the patient was found to have daily temperature spikes of more than 102°F. Leukocyte counts ran between 8000/mm³ and 11,000/mm³ with normal differentials. A sedimentation rate was 79 mm/hr. Blood, urine, and sputum cultures were negative for bacteria and tuberculosis. A ventilation-perfusion scan and echocardiogram were unrevealing.

During the patient's hospitalization she developed epigastric pain. Liver enzymes, amylase, upper and lower barium studies, biliary studies, and an abdominal CT scan were normal. Computer tomography of the chest showed an aortic dissection distal to the left subclavian artery which her physicians felt was quiescent. She was also found to have an unexplained drop in her hematocrit from 40% to 32%. After 13 days in the hospital the patient was discharged with the cause of her fever, anemia, and chest pain unexplained.

Six weeks later the patient was rehospitalized with re-

current tearing chest pain and fever. Physical examination showed her to be chronically ill with a temperature to 101.6°F. No pulmonary or cardiovascular abnormalities were found on physical examination. The hematocrit remained at 32% and the sedimentation was 75 mm/hr. Leukocyte counts ranged from 10,000/mm³ to 13,000/mm³. A chest x-ray showed a small left pleural effusion and a thoracic aneurysm; the effusion was not tapped. Cultures of blood and urine were negative as was a gallium scan. During the seven days before transfer, the patient had daily temperature spikes as high as 102.5°F.

On arrival at Duke University Medical Center the patient appeared tired but in no distress. Her blood pressure was 170/80 mmHg in both arms; her temperature was 99.5°F. Her chest was tender to palpation over the left lateral wall. Cardiorespiratory and abdominal examination were entirely normal. Femoral and distal pulses were weak but equal. Laboratory studies showed a hematocrit of 34%; leukocyte count of 13,000/mm³ (73% neutrophils, 1% bands, 21% lymphocytes, and 5% monocytes). The chest x-ray showed dilation of the thoracic aorta. Blood and urine cultures were negative. Rib detail x-rays and a bone scan were normal. A chest CT scan showed a type 3 dissecting aneurysm which had enlarged since the previous study six weeks earlier (figure 1). Surgical repair was offered to the patient, but she favored conservative therapy with a beta-blocker and careful follow-up. Over the four months since discharge, the patient has remained afebrile and pain-free.

Discussion

In retrospect, our patient's tearing back pain is a classic description of a dissecting aneurysm, and the location of the pain in the back suggests a type 3 aneurysm. She appeared to have had two acute episodes of dissection. In light

Department of Medicine, Duke University Medical Center, Durham 27710.

Table 1

	Age/Sex	Clinical Features	Maximum Temp (F)	Initial Diagnosis	Fever Duration	Aneurysm Type	Time to Diagnosis
Case 1 ³	68M	nausea, vomiting hypotension	102.0°	rule out abdominal disease	5 weeks	type 2	5 weeks
Case 2 ³	27M	severe back pain Marfan's syndrome	104.0°	dissecting aneurysm, fever of unknown origin	11 weeks	type 3	3 days
Case 3 ³	33M	substernal chest pain, dyspnea, aortic insufficiency	103.0°	bacterial endocarditis	3 days	type 2	3 days
Case 4 ³	37M	substernal chest pain, diaphoresis, aortic insufficiency	102.0°	bacterial endocarditis	2 weeks	type 2	2 weeks
Case 5 ⁴	50M	intense substernal chest pain, malaise, holosystolic murmur	102.5°	fever of unknown origin	5 weeks	type 2	2 weeks
Case 6 ⁵	51M	sharp anterior chest pain, dyspnea, aortic insufficiency	102.0°	bacterial endocarditis	4 weeks	type 2	4 weeks
Case 7	79F	intense back and left chest pain, epigastric pain	102.5°	fever of unknown origin	9 weeks	type 3	8 weeks

of the negative gastrointestinal workup, the patient's abdominal complaints were very likely due to referred pain as the aneurysm dissected toward the abdomen. The drop in the patient's hematocrit can be attributed to the accumulation of blood in the aortic wall. Because of the little appreciated association between prolonged fever and dissecting aortic aneurysms the initial investigators were misled.

Hirst² reviewed 505 cases of dissecting aneurysms reported from 1933 to 1954. He found the presence of a fever greater than 100.1°F in a third of the cases. Additionally, 8% had temperatures greater than 102°F. Despite this review the association of fever and dissecting aortic aneurysms has received little attention in the major textbooks. In the recent literature six other case reports have documented the occurrence of fever with dissecting aortic aneurysms.³⁻⁵ These cases have usually occurred in a clinical setting suggestive of an aneurysm but in which the chest x-rays were not

remarkable. Bacterial endocarditis was initially diagnosed in three cases because of the presence of fever and an aortic regurgitation murmur. All three of these patients, however, had severe chest pain which is uncommon in endocarditis. In the other three cases an extensive and unrevealing fever workup was undertaken. In three of six cases, the diagnosis was not made until the chest x-ray findings showed mediastinal widening. A fourth case was diagnosed by the development of physical findings and a fifth was discovered at valve surgery. The maximum temperature in these cases was 104°F with a mean temperature of 102.5°F.

In addition to high fevers, dissecting aneurysms can be associated with prolonged fevers which can last up to 11 weeks. The longest-lasting fevers occurred in the patient with the largest aneurysm. The aneurysm in Case Two extended from the left subclavian to the iliac arteries. Whether the prolonged fevers are a manifestation of an extensive dissection or of smaller, recurrent dissections is difficult to say. We felt the latter was true in our case.

One postulated mechanism of temperature elevation in these patients is the presence of an intramural hematoma. The association of hematomas and fever has been recorded in the literature. In a series of 105 patients with fever of unknown origin, Larson⁶ found resolution of three patients' fevers with removal of cryptogenic hematomas. Clarke⁷ and Staheli⁸ found high fevers in pediatric patients who suffered fractures complicated only by hematomas. Clarke took the observation one step further and injected blood into the quadriceps of the donor rabbits. The rabbits with a hematoma had a significantly higher temperature than the rabbits injected with lactated Ringer's solution. The fevers were thought to be generated by the release of the pyrogen, interleukin I, from the macrophage,⁹⁻¹¹ a cell important in

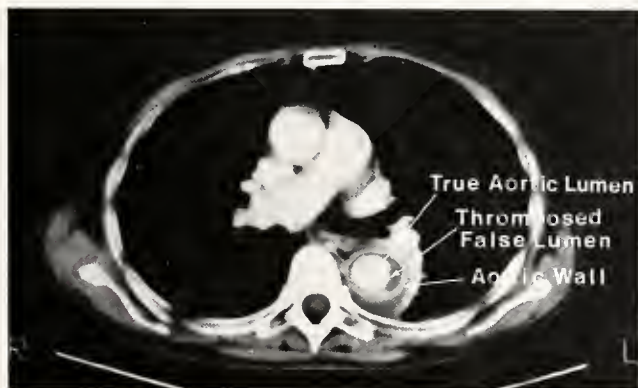


Figure 1. Computerized tomography with contrast of dissecting descending thoracic aortic aneurysm.

hematoma reabsorption.¹² The pyrogen then acts on the preoptic region of the hypothalamus to initiate a fever.¹³

Mackowiak⁴ postulated that the proximal location of the dissection in his case predisposed to the development of fever. His contention was that high concentrations of pyrogen were carried directly to the central nervous system leading to the development of high fevers. While this may be true, our case and Case Two illustrate that a dissection proximal to the great vessels is not a prerequisite for the development of high fevers. Further, in the cases associated with type two dissections, hemorrhagic pericarditis may add to the fever.

As these cases illustrate, when a patient presents with fever and chest pain a dissecting thoracic aneurysm must be considered. The key to diagnosis is a high index of suspicion and careful examination of the patient and the chest x-ray. Further evaluation with chest CT scan or an aortogram should be carried out early so that appropriate therapy can be instituted. Awareness of the association of fever and dissecting aortic aneurysms may help in the diagnosis of an often elusive disease. ■

Acknowledgments

The authors wish to thank Dr. David Mason and Dr. Ronald Digbee for their help in the clinical care of this patient.

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Oy Oy Oy — My Back

An Unusual Cause of Back Pain Secondary to Adult Gaucher's Disease

Peter Mark Levitin, M.D., F.A.C.P.

Although most patients with low back pain have regional disease, occasionally a patient has a systemic disease that presents as back pain.^{1,2}

A 58-year-old woman had a two-year history of intermittent lower thoracic and lumbar back pain associated with progressive kyphosis and loss of height (5 inches). The back pain was initially precipitated by lifting firewood. One year after her initial symptoms, a physician told her she had traumatic vertebral compression fractures.

Examination revealed a small female who could not sit or stand straight up because of the severe thoracic kyphosis. There was pain on palpation of the right and left paralumbar muscles. The peripheral joints were normal except for Heberden and Bouchard nodes and limited active abduction of the left shoulder due to an old traumatic humeral fracture. The abdomen could not be adequately examined because of the severe kyphosis.

Laboratory test results included a hemoglobin of 11.9 gm/dl, white blood cell count of 3800/mm³ with a normal differential and an erythrocyte sedimentation rate (Westergren) of 25 mm/hour. Results of chemistry screens, serum and urine immunoelectrophoresis were normal.

Radiologic examination of the lumbosacral spine revealed compression fractures of T11, L1, L2, and L4. Figure 1 demonstrates L1, L2, and L4 compression fractures.

A bone marrow aspirate and biopsy were performed and showed Gaucher cells (figure 2; next page). (This procedure was initially done to look for evidence of multiple myeloma or other malignancy.) A white blood cell assay for the enzyme B-glucocerebrosidase was low (18% of control). Subsequent laboratory studies included a platelet count of 92,000/mm³ and an acid phosphatase of 1.4 IU/L (normal 0.0-0.8 IU/L). A left hip radiograph was normal and a liver/spleen scan demonstrated splenomegaly.



Figure 1. Radiograph of the lateral lumbar spine demonstrating vertebral compression fractures of L1, L2, and L4.

Discussion

Adult Gaucher's disease (type I) is characterized by the abnormal accumulation of glucocerebroside in the reticuloendothelial cells of the spleen, bone marrow, and other

From A.J. Tannenbaum Medical Associates, 1904 North Church Street, Greensboro 27405.

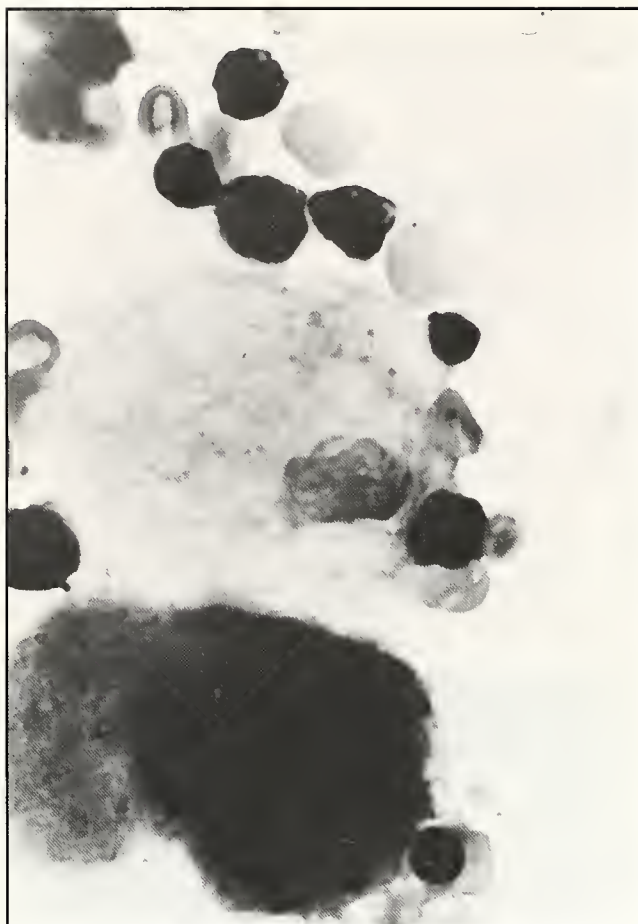


Figure 2. Bone marrow aspirate demonstrating a Gaucher cell. The cytoplasm appears crinkled and has a tissue paper appearance characteristic of Gaucher cells.

organs due to a deficiency of the lysosomal enzyme B-glucocerebrosidase. The adult form of Gaucher's disease, although panethnic, is more common in Ashkenazic Jews, occurs equally in men and women, and can become clinically evident at any age.^{3,4}

The skeletal manifestations of adult Gaucher's disease can include a variety of clinical presentations (table 1).³⁻¹⁰ Single or multiple vertebral compression fractures, especially in the thoracolumbar spine, can cause low back pain and may result in severe kyphosis.³⁻⁸ Compression fractures in Gaucher's disease result from the accumulation of Gaucher cells in the medullary space of the bone marrow that may lead to increased intramedullary pressure, disintegration and atrophy of the bone trabeculae, and to thinning and erosion of the cortex.⁹

There is no specific treatment for Gaucher's disease. In some cases, bone pain has responded to radiation therapy

Table 1

Skeletal Involvement in Gaucher's Disease

1. Bone pain syndromes
 - a. nonspecific bone pain
 - b. pseudo-osteomyelitis
 - c. pyogenic osteomyelitis
2. Aseptic necrosis of subchondral bone (hip > shoulder, knee) joint pain and/or joint destruction with restricted movement.
3. Erlenmeyer flask deformity of the distal femur
4. Vertebral compression fractures
5. Pathologic fractures of long bones
6. Interphalangeal joint involvement
7. Migratory polyarthritis
8. Hemorrhagic bursitis

or corticosteroids. Enzyme replacement with B-glucocerebrosidase is being studied.^{4,6-8}

Gaucher's disease is rarely encountered as a cause of low back pain in clinical practice. This case serves as a reminder that compression fractures can be due to many causes other than idiopathic osteoporosis. ■

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How To Get Help from the Creatinine Clearance *and* the Plasma Creatinine Concentration

William B. Blythe, M.D.

It is my conviction, derived from conversations with some of our house officers and information sent to me by several referring physicians, that there is confusion about the use and relative merit of the plasma creatinine concentration and the creatinine clearance as markers of renal function.

There is, I believe, a widespread notion that the creatinine clearance is *always* more precise a measure of the status of renal function than is the plasma creatinine concentration. This is not true! Let me point out why.

The only measure of glomerular filtration rate in humans which has remained unsullied through the years is the clearance of inulin. This determination is too time-consuming to be of use to the clinician. This being the case, a search was initiated to find a substance the clearance of which approximates that of inulin, the production of which occurs in the body so that it does not have to be administered, and the measurement of which is relatively simple.

Almost half a century ago creatinine was found to fit the bill reasonably well in that it is easily measured and its rate of production by the body is constant under most circumstances; however, it was found early on that the creatinine clearance is not always identical to the inulin clearance.

As a result of extensive use of the endogenous creatinine clearance through the years, these questions have arisen: Which chemical determination of creatinine results in an endogenous creatinine clearance which is closest to the inulin clearance? What are the circumstances in which the endogenous creatinine clearance might differ so much from the inulin clearance that it could not be used as a measure of glomerular filtration rate? Can the plasma creatinine concentration be used as an accurate estimate of glomerular filtration rate?

The most widely-held view is that methods of measuring the sum of true creatinine *and* the so-called non-creatinine chromogens in plasma result in values for the endogenous creatinine clearance which most closely approximate the

inulin clearance. This is so because the non-creatinine chromogens are not excreted into the urine and their concentration in plasma offsets the small amount of creatinine secreted by the tubules. When true creatinine alone is measured in plasma, the value for creatinine clearance is falsely high. Many laboratories nowadays measure true creatinine and the clinician may be unaware of this fact.

Regardless of the method used, the creatinine/inulin clearance ratio increases as the glomerular filtration rate is reduced by disease until the glomerular filtration rate is at extremely low levels when the ratio returns toward one.

Lastly, what about the use of the plasma creatinine concentration per se as an accurate estimate of glomerular filtration rate?

In general, the evidence suggests that the relationship between plasma creatinine concentration and glomerular filtration rate is an inverse one; thus decreases in glomerular filtration are reflected in corresponding increases in plasma creatinine concentration. But remember, this is true only when creatinine production is constant. Furthermore, since creatinine production is a function of lean body mass, and since lean body mass varies from individual to individual, the plasma creatinine concentration cannot be used by itself as a measure of glomerular filtration rate.

Nevertheless, once the creatinine clearance is known, the plasma creatinine concentration *alone* can be used as a measure of glomerular filtration rate because of its inverse relationship to the creatinine clearance.

So what does this mean to you, the careful clinician? It means that you should be aware of these pitfalls, and specifically:

- 1 You should know the method of determining plasma creatinine that is used by your laboratory.
- 2 In determining a 24-hour creatinine clearance, you should be certain that the 24-hour collection of urine is accurate. You can do this by checking the amount of creatinine in the 24-hour collection. It should approximate 20 mgm of creatinine per kilogram of body weight per 24 hours. If it

is significantly less than this, you can be certain that the collection is inadequate and the creatinine clearance will be spuriously low. If it is significantly higher, the patient has collected urine for more than 24 hours and the creatinine clearance will be spuriously high.

3 Once you have determined an accurate creatinine clearance, you need not repeat it in following a patient. A plasma creatinine concentration is accurate.

One final word of caution: several groups of investigators have found that the relationship between plasma creatinine concentration and the endogenous creatinine clearance may not always be a truly inverse one and thus changes in the plasma creatinine concentration may not be reflective of changes in the glomerular filtration rate. Thus, as is always the case, the clinician must not rely on any number for a final answer. ■

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NORTH CAROLINA MEDICAL JOURNAL

For Patients

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Breast Cancer Awareness Program

Asking Men To Help Fight Breast Cancer

American Academy of Family Physicians

To increase the chances of early detection of breast cancer, a disease that kills an estimated 40,000 women per year, Susan Ford Vance, spokesperson for the 1987 National Breast Cancer Awareness Week program, is appealing to men for help. Ms. Vance's campaign seeks to increase awareness among women and their partners about breast cancer and early detection techniques.*

One of the key elements of the program, sponsored by the American Academy of Family Physicians (AAFP), the National Cancer Care Foundation and the ICI Pharmaceuticals Group, is "A Partner's Guide to Breast Cancer Early Detection."

Male Guidelines

The "Partner's Guide" is being distributed to family physicians across the country to help them counsel men. It

emphasizes that mammography is the single most effective tool in the early detection of breast cancer and suggests ways for men to communicate this and other information about the disease to their loved ones.

Robert H. Taylor, M.D., president of the American Academy of Family Physicians, feels that while we have always talked to women, not men, about breast cancer, "if breast cancer strikes your wife, your mother, or your sister it has a significant impact. Men need to be informed about the importance of early detection so they can help support the women in their lives."

Family physicians nationwide are encouraged to discuss this information with their women patients' spouses and family members as well as with their male patients. A free booklet for men and women, titled "Breast Cancer: Your Best Protection . . . Early Detection," is available from The National Cancer Care foundation (attention: Diane Blum), 1180 Avenue of the Americas, New York, NY 10036 and also through members of the Academy of Family Physicians. The booklet was funded by the ICI Pharmaceuticals Group.

The "Partner's Guide" is divided into information and action guidelines (see the next page for the short version). The information guidelines — "What You Should Know" — cite breast self-examination and annual physician exam as important early detection techniques.

*See also the For Patients section of our October issue (NCMJ 1987;48:517-22) for a discussion of early detection techniques and the American Cancer Society's guide to breast self examination.

From AAFP, 1740 West 92nd Street, Kansas City, MO 64114.

What You Should Know:

- To date, breast cancer can't be prevented — early detection through appropriate mammography gives your wife or partner the best chance of survival.
- Breast self-examination — the easiest step in fighting breast cancer is detection awareness for women over 20, and appropriate mammography for women over 35.
- If she finds a lump, don't panic — not all lumps are cancerous.

What You Can Do:

- Talk to her about the importance of mammography — a vital, painless, early detection tool.
- Encourage her to see her family physician.
- Support your wife or partner — but don't pressure her.

The action guidelines — “What You Can Do” — suggest ways to encourage one's wife or partner to incorporate early detection methods into her daily routine. The guidelines recommend talking to her about the importance of mammography and encouraging her to schedule an appointment with her family physician. The guidelines also advise men to do something as simple as bringing newspaper and magazine articles about breast cancer to their partner's attention.

Disease of the breast is a very serious matter to women, and should be approached in a straightforward manner. As Dr. Taylor says, “It will tell her a lot about how much you care to bring up the matter in a gentle, delicate, and concerned manner. And you just might help to save her life.”

Survey Results

In a recent telephone survey on male attitudes about breast cancer, conducted for the ICI Pharmaceuticals Group, less than one-third of the 500 men interviewed had discussed mammography with their wives or partners, and less than half had discussed breast cancer or breast self-examination.

The survey also found that close to six in 10 men thought their partners regularly examined their breasts. This figure is much higher than a recent Gallup study finding that only one in three women regularly performed self-examination.

The ICI survey also reported that half the men questioned said their partners did not have mammograms based on the schedule recommended by the American Cancer Society.

“It's very common for women to be the health caretakers of the entire family,” says Diane Blum, director of Social Service at the National Cancer Care foundation, and founder of the National Alliance of Breast Cancer

Organizations (NABCO). “By asking men to become part of the health prevention loop, we are attempting to break the molds of some very traditional roles.”

Cancer Research

The ICI Pharmaceuticals Group is comprised of Stuart Pharmaceuticals and the newly created ICI Pharma. ICI Pharma will now direct cancer research and development efforts for the Group. Stuart Pharmaceuticals will share its cancer knowledge and advances spanning the past 20 years with ICI Pharma.

Stuart Pharmaceuticals founded National Breast Cancer Awareness Week in 1985 to generate awareness of breast cancer early detection in women. Stuart's extensive breast cancer research includes the development of tamoxifen, a widely used breast cancer hormonal treatment.

Recent Breast Cancer Findings

In the last nine months, significant findings have been reported in the field of breast cancer. Statistics from the National Cancer Institute (NCI), for example, show black women may be at higher risk than non-black women for developing breast cancer between the ages of 20 and 40. Also, an American Cancer Society survey of black women found they have a lower incidence of recognizing the early warning signs of breast cancer.

In May, the *New England Journal of Medicine* published an article reporting that moderate drinking — about three drinks a week — can increase a woman's risk of breast cancer by 50%. Within the last few years, 15 studies have linked alcohol to breast cancer.

In March, the American Cancer Society updated its

mammography guidelines. It now recommends women 35-40 have a baseline mammogram, women 40-49 have mammograms every one to two years, and women over the age of 50 have a breast X-ray yearly.

In April, a U.S. Preventive Services Task Force study published in the *Journal of the American Medical Association* conceded that not enough research has been done, to determine the effectiveness of breast self-examination.

Women should continue to examine their breasts for signs of cancer, but this should not be the only detection method they employ.

The American Cancer Society estimates 130,000 new cases of breast cancer will be diagnosed this year. About one in 10 women will develop the disease at some time during her life. Breast cancer will claim over 41,000 lives this year. ■



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Health Care, Social Justice and the Elderly

LARRY R. CHURCHILL, Ph.D.

American health care is full of striking contrasts. We spent \$250,000 to keep Barney Clark alive, tethered to an air pump, for 112 days of "encumbered twilight" in Salt Lake City. Meanwhile, in cities like Detroit, Boston and Raleigh the infant mortality rate, frequently related to basic nutritional and perinatal care, has begun to rise. So far the federal government has contributed over \$240 million to develop the artificial heart, while at the same time cutting the programs which provide for the needs of indigent mothers and infants.

With the advent of cyclosporins, many large medical centers are now preparing their facilities to offer heart, liver and other organ transplant services, at a cost of hundreds of thousands of dollars per procedure. Simultaneously, large public hospitals in some Southern states are closing their emergency rooms on weekends in order to stem the flow of poor patients who use emergency rooms for primary care.

Persons in chronic vegetative states sometimes have their kidneys and bowels washed, their lungs cleared and their infections treated at public expense. While some seem to live needlessly, others seem to die needlessly. Eugene Barnes, a 32-year-old unemployed stab-wound victim, died in a San Francisco hospital in February, 1985. He was turned away from four other hospitals because he lacked health insurance. Do these scenarios present moral problems? It all depends on your view of justice, on what criteria you believe should be used to distribute health care resources.

These are not isolated instances. The larger picture looks roughly like this:

1 In 1986: We spend (estimated) \$450 billion on health care, or over \$1,800 for every citizen. This constitutes almost 11% of the Gross National Budget. Health care

costs have been rising at twice the rate of inflation over the last decade.

2 All Americans do not share the benefits of our health system equally. Numerous studies reveal roughly the same picture: the poor, the nonwhite, the elderly, those in urban ghettos or remote rural areas are in much worse health and receive far fewer benefits. At least 25 million Americans have no health insurance of any kind for all of any given year, while an additional 12 million are uninsured for a part of the year.

3 Pressures on our health care system will grow more acute for several reasons. The population is aging. By the year 2040 almost a quarter of us will be 65 or older. Currently 80% of our health resources are spent on chronic illness, and with the rising age of the population, this percentage is bound to increase. A third pressure on our diminishing resources is the high cost of technology.

In sum, we are faced with an increasingly aged, chronically ill population that is infatuated with high technology medicine. Distributional problems are, therefore, very likely to get worse.

When resources are limited, when health care must be rationed, questions about *fair* distribution arise. Such questions are not primarily issues of individual morality, but larger social concerns — concerns of *justice*.

There are inequities in all health care systems, and I take it for granted that there is no perfect system. The question is: Are the inequities in the current American system unfair, or merely unfortunate?

To put it more starkly, no society has figured out how to avoid rationing its health care resources. The question is not *will* we have to ration, but what rationing criteria will provide for the most just system of health care?

John Wax of the VA Hospital of Palo Alto has listed 18 ways to ration health care:

- 1 Ability to pay
- 2 Age
- 3 Residence
- 4 Entitlement
- 5 Need
- 6 Anticipated clinical outcome — effectiveness
- 7 Political contact
- 8 Acceptability as a research subject
- 9 Lottery
- 10 First come, first served

From Department of Social and Administrative Medicine, University of North Carolina School of Medicine, Chapel Hill 27514. This speech was delivered at the 133rd Annual Session of the North Carolina Medical Society, May 2, 1987. A more detailed form of some of these arguments can be found in the author's *Rationing Health Care in America*, University of Notre Dame Press, 1987.

- 11 Social worth
- 12 Moral or religious worth
- 13 Dread factor of the illness
- 14 Public or media pressure
- 15 Power of relevant specialty groups to command resources
- 16 Attractiveness to screeners
- 17 Risk of death or serious illness or injury if treatment is not forthcoming
- 18 Risk of legal or financial liability if treatment is withheld

Although we could find examples for each of Wax's 18 ways, the basic mode in the U.S. is *rationing by price*. Access to health care is mostly contingent on having a way to pay for it, usually by a third party. Some secondary criteria we use are *age* (Medicare), *race* (Indian Health Service), *merit* (veterans), geography, good looks, etc., but the overriding token of entrance is ability to pay. The genius of this system is that it hides responsibility. Price rationing fits snugly with a market economy and a consumer mentality; it is an extension of a basic economic philosophy we believe in deeply in this country. Since no one actually excludes the poor (it is their lack of money and insurance that excludes them, not our actions), no one is responsible and no one is to blame. Therefore efforts to assist the poor are seen as acts of charity, examples of a virtue seen as an option. The genius of laissez-faire health care is that it orders the priorities of health care by not ordering them, that is, by letting market forces decide who gets what.

And, of course, we don't follow the market consistently, because we are unwilling to let the poor die in the streets — if we can identify them with names and faces. For identified desperately ill, we have church barbecues, fund raisers and Air Force jets.

The Federal Task Force on Organ Transplantation (1986) recommended we end this *ad hoc* approach by covering all organ transplants with public funds, which sounds good, but would put us in the ironic situation of absolute equity in exotic, very expensive and partially effective forms of care while ignoring equity in some of the most effective and least expensive forms of care.

Four different ways have been proposed as distributional schemes: merit, social worth, ability to pay, and need. I will examine each briefly. There are assets and liabilities associated with each.

Merit

People should get health care if they deserve it. This sounds attractive because we find that a large number of deaths and disabilities occur each year due to causes not beyond our control: alcohol and automobile accidents; smoking and lung cancer; multiple sexual partners and venereal disease; and so on. In many instances people

have an effect on, and a responsibility for, their own medical needs.

Yet, there are problems with merit as the basis of allocation of medical care. *First*, because what is underscored here may be less a basis for distribution than a cry for prevention. *Second*, because the causal nexus which relates behavior to ill health is not so neat or clear as it first appears. Many now believe the causes of disease are multiple, not singular. *Third*, because many physicians find it impossible to say, for example, "I can't care for your lung cancer because you smoke."

The emphasis on meritorious behavior also may tend to exaggerate the extent to which health behaviors — for example, immoderate drinking — are truly voluntary. Merit as a criterion may tend to "blame the victim."

Some moral philosophers who reject merit as *the basis* of allocation argue for a merit clause in the system of payments. Robert Veatch, for example, asserts that although persons who smoke, drink, and hang-glide have an equal right to health care, they should be taxed for these voluntary risks to their health. Because they are more likely to use health care resources, such persons should be taxed at a rate calculated to add to the health budget an amount equal to the marginal health cost of their behavior.

The idea is attractive, but not persuasive. In order to show a just system of merit, Veatch needs to show that not only do certain behaviors add to the expense of health care, but the additional expense is greater than the costs of the alternatives.

A heavy smoker may die prematurely at age 50, incurring treatment costs for pulmonary disease of \$50,000, but this may well be less than the alternative scenario of death at age 85, preceded by coronary artery by-pass surgery, multiple hospitalizations and five years of care in an obtunded or severely debilitated condition in a custodial care institution. It is not clear, simply from the economic viewpoint, that *early death* is a greater drain on resources. In fact, I suspect that just the reverse argument is more cogent, that premature, sudden death is the great economizer and that a just system — considered strictly on what costs we are likely to incur — should tax those whose health habits are likely to propel them into advanced old age, where, as we know, they will use inordinate amounts of resources during their last year of life. If we follow this logic we should give a health-tax rebate to those who join sky-diving or hang-gliding clubs!

Additionally, the notion of a merit-based tax system for health care would be contingent on an effective way to determine who was practicing what. An even-handed treatment for all such practices raises the spectre of a *health police*, which violates cherished notions of privacy and liberty. It is unclear that a merit system could be made workable, and even if it were, whether we would want it.

Social Worth

Here priority is given to the social interest, the common good, the welfare of the community, or the greatest good for the greatest number. People should get health care if they are worthwhile or valuable citizens.

On the face of it this sounds reasonable — the most valuable members of society should receive top priority. The president should be the top priority in the emergency room. When Nancy Reagan wants the Mayo surgeons at Bethesda for the President, she should have them, even if this means that others in Rochester will have their surgery postponed or done by others.

But what seems easy enough in unusual cases is exceedingly problematic as more ordinary people are involved. We know from the scenarios surrounding access to renal dialysis in the 1960s how problematic social worth judgments can be. Universal entitlement to treatment for all with ESRD enacted in 1972 did not solve this problem, but put it on a different plane. The cost of the ESRD program is about \$3 billion annually, and will be an estimated \$6 billion by the early 1990s.

The difficulties of rationing on the basis of social worth are great, but universal coverage seems to add even more burdens to the system.

Ability to Pay

Here the idea is that people should get health care if they can pay for it. Some who argue for ability to pay argue for it in terms of physicians' right to have control over their practices. This is essentially the argument of Robert Sade, who in a well-known article, "The Right to Health Care: A Refutation," disavows patients' rights to care in favor of physicians' rights of liberty and autonomy over service. The physician owns her services like the baker owns his bread, and she can sell it for whatever price the market will bear, discount it, or give it away. This appeals to powerful American traditions of liberty and the values of the market, what Dan Beauchamp calls "market justice." Now I believe there are problems with this libertarian view of health marketing and with the Lockean model of professional ownership, but I do not want to argue it here. Because to argue this way, either for or against, presupposes just the sort of individualized ethic which is unproductive in discerning matters of justice. I want to approach the issue by asking, "How is it that we understand differences in health status, and differences in the need for services, to begin with?"

Market justice says disparities in wealth can translate into disparities of health care, and this is unfortunate, but not unfair. It is not unfair, the argument goes, because we all have different natural predispositions to disease, what is sometimes called "the natural lottery." And no one is responsible for the natural lottery. It isn't a social

injustice that some are born wealthy, some poor, some sickly, some healthy. The natural lottery is morally neutral. So if some can buy cosmetic rhinoplasty or mammary augmentation while others cannot afford basic prenatal care, it is regrettable, but not unjust.

Those who disagree argue that the structure of social life frequently exacerbates, and sometimes even causes, differences in the natural lottery. Fifty years ago Henry Sigerist claimed "the chief cause of disease is poverty." Research on the relationship of race, class, poverty and health consistently shows the same pattern. Economic and social conditions play a role not only in health care but in overall health. Some are in ill health because they are poor; some are poor because they are in ill health. Most researchers assume that the effects of poor health and low socioeconomic status are circular. Whatever the precise relationship, it is sufficiently clear that class differences contribute to the etiology of disease, so that disease is not just a natural component of the human genetic lottery, or a chance and uncontrollable occurrence.

If all diseases can be attributed to original patterns in the genetic pool rather than to our historical existence in social patterns, then obligations to alter or be responsive to these differential patterns of illness might be optional and gratuitous responses of charity. If class has nothing to do with disease and health, we can say that inequities in access to health care are unfortunate, but not unfair. But this is not the case.

Not all our health problems relate to social conditions, but, more than it is comfortable to think about, many of them do. Sometimes the unfairness results precisely from our participation in the social nexus which contributed to those differences, both medical and financial. The natural lottery turns out to be not so natural as it appeared.

Need

The guiding concept here is that people should get health care if they *need* it. Ordinarily this is discussed in terms of a "right" to health care and this has taken two forms: (1) that there is a right to *equal access* to whatever health care is available; or (2) that there is a right to a *decent minimum* of health care. Both forms seek to meet needs regardless of ability to pay, merit, or social worth.

The arguments go like this:

1 First, we must recognize that we all fall ill and are susceptible to disability and death.

2 Secondly, while some illnesses are self-induced, diseases generally are not the sorts of things which are distributed by merit. We all are very likely to incur needs for health care for which we are not responsible and which are, in many instances, unforeseeable.

3 Third, the need for health care is sometimes exacerbated, sometimes caused, by the social and cultural forces in society.

4 Finally, health care — largely as treatment by physicians, frequently as public health or preventive measures — is effective.

Ill health is, in sum, the sort of thing which is universally experienced, but unevenly distributed, over which we have little control or predictive power, and for which there is frequently effective help. A just society is one in which the right to health care is based on the elemental fact of human need.

And this is where most discussions stop. But to say there is a right to health care based on need is clearly insufficient. Everybody's needs are different, and it isn't clear whose definition of need (the physician's? the patient's? the Surgeon General's?) should be the standard. Also, in a consumer society we tend to express not only our true necessities but our hopes, wishes and preferences as "needs."


Any claim of a right to health care will have to recognize that there are limits to what society can provide for its citizens. No right is absolute, and the scope of a right to health care, like all rights, is contingent upon the material resources any society can muster. A right to health care is not a right to health, which, of course, no one can guarantee. A right to health care is not even a right to all that is available, or all that any of us may need. Health care competes for resources with a vast array of other social goods — education, defense, and housing, to mention only a few. A right to health care is, however, an aegis to protect the financially disenfranchised and a way of expressing equality. It means that citizens will not be

denied health care because of money, and that though we must ration health care, we will not do so by price.

I suggest that what we need is a working notion of a right to health care, that sees health care problems as public and social, rather than as purely private and individual; that sees health care as an agenda of the body politic, without the need to politicize every end-of-life scenario through wars on disease, or Air Force jets flying children in rescue missions for quarter-million-dollar transplants. This will require an outlook that sees health care as important, but not absolute, that is realistic about our health needs and prudent about the extent to which health care institutions and providers can meet them.

With regard to the elderly, a right to health care means that we should not discriminate against the elderly merely because of age. Yet this does not mean that age is irrelevant. To use age as a barrier to health care would be as unsatisfactory as using social worth, merit or ability to pay.

But having said this, we should be clear that age is relevant to health care needs, and cannot be ignored. In some cases it may simply be inefficient and ineffective to offer major high-technology interventions to the very old. And in all cases the needs of the elderly cannot be treated as a separable and isolated item, but must be seen in the context of the relative needs of everyone. Such a perspective will be seen as discriminatory only by those who believe that the health needs of the elderly always take priority. Prudent and realistic policies will treat the needs of the elderly — as well as the needs of all citizens — in a context that respects their special (and often greater) need for services, but does not separate them from the larger commons. ■




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Rehabilitation

S.J. PELLIGRA, M.D.

Rehabilitation is a concept that is becoming increasingly familiar to the public and the medical profession. However, the word is not without ambiguity. Old buildings are rehabilitated, as are persons with drug and alcohol addictions. When referring to facilities for the treatment of physically disabled persons, one generally uses the term "comprehensive rehabilitation center."

North Carolina is fortunate in having nine comprehensive treatment centers for persons with physical disabilities located throughout the state: in Asheville, Chapel Hill, Charlotte, Durham, Fayetteville, Greensboro, Greenville, Hickory, and Winston-Salem. Comprehensive inpatient rehabilitation is covered by most third-party payors, including Medicare and Medicaid. Care is provided on an inpatient basis when intensive care is required and when a patient has multiple problems. Each center maintains relatively similar admission criteria, based on national standards. The Moses H. Cone Rehabilitation Center (Greensboro) is a 49-bed inpatient facility with full outpatient and home health services. The Center is designed and constructed to serve patients whose physical rehabilitation needs exceed the scope of services generally offered in an acute hospital setting. Patients who have functional limitations are admitted with the goal of achieving as much independence as possible.

Conditions typically treated in rehabilitation centers include spinal cord and brain injury, as well as stroke and other neurological conditions. In addition, many orthopedic and rheumatological problems are also routinely managed. These may include major joint fractures, amputations, joint replacements, and disabling arthritis.

In the comprehensive rehabilitation setting, care is provided through an interdisciplinary team approach. It is important that the word "interdisciplinary," rather than "multidisciplinary," be used; the former implies a close relationship among the various treatment team members. The rehabilitation team is an efficient melding of highly skilled specialists who work together in achieving realistic goals. These team members may include the physician,

rehabilitation nurse, physical therapist, occupational therapist, speech therapist, recreational therapist, vocational counselor, psychologist, social worker, and dietician. Under certain circumstances, there are additional contributors to a patient's care: for example, a prosthetist (a person who makes artificial limbs) when the patient is an amputee.

During a person's rehabilitation center admission, various issues are addressed. These include problems with communication, self-care, mobility, homemaking, and bowel/bladder management; cognitive/perceptual disorders; safety awareness; caretaker education and training; community reintegration; and health maintenance. Team members are trained to treat certain functional problems with enough overlap for maximum effectiveness and efficiency.

The physician who specializes in physical medicine and rehabilitation, known as a physiatrist, provides a vital service, a service that responds both to the increasing recognition that society is responsible for its disabled members and to the increasing scope and sophistication of rehabilitative techniques. Physical medicine and rehabilitation involves diagnostic services and comprehensive treatment and care for patients who suffer from neuromuscular, musculoskeletal, and vascular disorders, and from the medical, psychological, social, and vocational disruptions that such physical problems bring. The physiatrist must be competent in a broad and varied spectrum of skills and have a sensitive appreciation of the patient and his or her family, friends, work, and recreational activities. A four-year residency training program prepares the physical medicine and rehabilitation physician to effectively direct the treatment team and manage the medical complications.

The History of Rehabilitation

When physical medicine and rehabilitation was given formal recognition as a medical specialty in 1947, with the establishment of the American Board of Physical Medicine and Rehabilitation, comprehensive rehabilitation was not taught or practiced in the United States. At that time,

From Moses H. Cone Memorial Hospital, 1200 North Elm Street, Greensboro 27401-1020.

only a few years had elapsed since Dr. Howard A. Rusk had demonstrated to the army that rehabilitation, rather than convalescence, was essential to restore soldiers to fitness for return to duty. Although the benefits of early ambulation were striking, physicians were still focusing almost exclusively on identification and eradication of acute pathology. Dr. Rusk began to refer to rehabilitation as "the third phase of medical care" to be instituted following the first phase, preventive medicine, and the second phase, curative medicine and surgery.

When rehabilitation was applied in this way, it represented a great stride forward. However, only a small minority of chronically disabled patients received rehabilitation as a part of medical management. All too frequently, patients experienced further deterioration during a stage of inactive convalescence. In the mid 1950s, the office of Vocational Rehabilitation reported that the average interval from onset of stroke to the referral for rehabilitation services was four years. Compare that to experience today where the average time for completion of the rehabilitation program after onset of stroke is less than two months.

As Dr. Rusk was quoted, "Rehabilitation of the chronically ill and disabled is not just a series of restorative techniques, it is a philosophy of medical responsibility. Failure to assume this responsibility means to guarantee the continued deterioration of many less-severely disabled persons until they too reach the severely disabled and totally dependent category. The neglect of disability in its early stages is far more costly than an early aggressive program of rehabilitation which will restore the individual to optimal self-sufficiency and functional performance."

The Future of Rehabilitation

The challenge facing the rehabilitation community today is to provide a better quality of life for disabled persons during a time of severe fiscal restraint. In reality, fiscal restraint should provide an opportunity to change the centuries-old tradition of offering disabled people a hand-out, and to adopt instead the concept of providing a hand-up. This is a period of time in which resources should be allocated in favor of rehabilitation. In North Carolina, this is indeed taking place. There are now some outstanding facilities for rehabilitation treatment, in addition to a wide array of services.

Over the last fifty years, medicine and surgery have prevented the deaths of countless persons who were critically ill. Many have been cured. However, there also has been an increasing number left with chronic disability. These disabled persons have higher costs for maintenance, in addition to the cost of required medical care, because of the continued disability. Dependency con-

sumes resources without enhancing productivity or quality of life for the patient. The development of rehabilitation as an integral part of comprehensive medical care, and its use in restoring function to persons with continuing impairments, will increase the efficiency of health care. The reduction of dependency through rehabilitation is cost effective.

It is sometimes possible to remove a disability although the disease, or impairment, remains. This simply illustrates that there is no one-to-one relationship between a disease and the residual disability. Disability can be removed even though the disease is unchanged. In rehabilitation programs, residual strengths are evaluated and built upon to "work around impairment" in order to remove disability.

It is important that we each become aware of the licensed and qualified comprehensive rehabilitation programs available in our communities. Through appropriate referral and treatment, we can help patients to achieve major improvements in quality of life. ■

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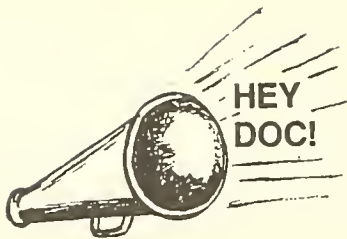
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- Is your practice unstable or showing difficulty in getting patients to return?
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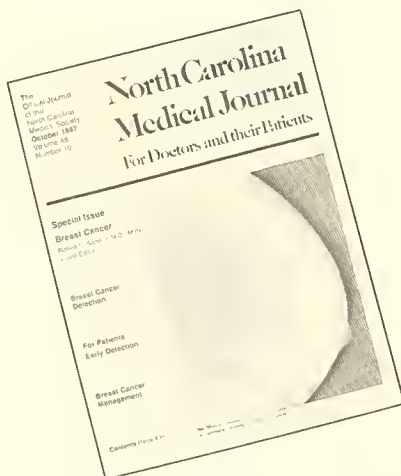
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Decant the Wine, Prune Back Your Long-Term Hopes

Cationic Detergent Poisoning

Ronald B. Mack, M.D.

I was in my favorite bookstore a while back and saw a volume entitled "Odes of Horace." It looked to me, at first glance, like a misprint. Could they have meant the "Nodes of Horace"? And who was this dude Horace anyway, whose lymphatic system entitled him to an entire book. Actually the book was entitled the "Odes of Horace";¹ I am not a lymphomaniac.

It turns out that Horace was a famous Roman poet who died eight years before Christ was born. This well educated son of an auctioneer served as a high-ranking officer in Brutus's Army (yes, that Brutus, as in "you too, Brutus?"). He fought in the famous battle of Phillipi but, alas, was on the losing side and lost all of his property. However, he was seen by the great literary patron Maecenas as a potentially great poet. Horace was so grateful to his financial backer that he was buried at his patron's side (he was dead at the time, of course). This short, fat versifier was very famous in his own time and has remained so through two millenia. My favorite ode of his (an ode apparently is a poem written to be sung and is expressive of the personal feeling of the person voicing it) speaks to the brevity of life and the urgent need to seize the day (*carpe diem*) while you can. Although Horace did not warn against the ingestion of cationic detergents, he should have.

For the first half of this century if you wanted to keep your clothes and yourself and your possessions clean, you used a soap substance. This soap was a salt of a fatty acid, made by combination of an alkali with natural fats or oils or with fatty acids from animal or vegetable sources (gosh, I always wondered what that stuff was made of that my Mom used to wash out my mouth with when I uttered a "dirty" word. Thank goodness today there aren't any dirty words anymore; any child merely has to turn on the TV day or night and hear a litany of words that once were cause for near-capital punishment in many homes). Now you are able to choose from a remarkable variety of cleansing agents

that includes *detergents*, non-soap surface active agents, which allow water to "wet" surfaces far more readily and thus produce a cleaner surface.

As with many technological advances in this part of the 20th Century there is a price to pay for "progress." Because detergents are so ubiquitous in the American home, they are a common cause of toxicological events, especially by pre-school ingesters. In some recently reported statistical data from the American Association of Poison Control Centers National Data Collecting Systems, regarding potentially toxic ingestions by children six years or less, pharmaceuticals led the way with 40% of the total, and cleaners and polishing agents were next with 14% of the total.² The surface-acting agents (surfactants) used in the home are mixtures of organic and inorganic ingredients and are classified chemically as anionic, cationic, non-ionic and amphoteric. The electrical charge of the chemical entity that makes the molecule water soluble determines the ionic classification. Thus the net charge on anionic detergents is negative, on cationic detergents positive, on non-ionic detergents electric neutrality, and on amphoteric detergents both anionic and cationic. Most household detergents are anionic or non-ionic or a mixture of both. This epistle will only concern itself with the *cationic* variety, also available in the home, but less often.

Cationic surfactant detergents have more potential toxicity than anionic or non-ionic detergents. This article was prompted by a two-year-old child we saw recently at our Medical Center who incurred oral, pharyngeal and esophageal burns after accidentally ingesting such a substance. I'm sure glad that stuff was not available when I was coming up, my Mom would have used it for sure — on me.

The reasons that cationic detergents were chosen for this dissertation is that they are potentially quite dangerous and readily available as disinfectants and fabric softeners. Included in the rubric, cationic surfactants, are three major chemical groups³ with which health care professionals should be familiar: quaternary ammonium compounds; pyridinium compounds; and quinolinium compounds. Examples are

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benzalkonium chloride (Zephiran^(R) Chloride), methylbenzethonium chloride (Diaparene^(R) Chloride) and cetylpyridinium chloride (Ceepryn^(R) Chloride). These products are synthetic derivatives of ammonium chloride. For anyone involved in managing patients who get into trouble with these products, the reading of labels becomes of utmost importance in attempting to figure out the potential toxicity. At the outset, the point must be made that these products are available in different strengths, i.e., the *concentrated* solutions (>7.5%) may result in significant corrosive burns of the oropharynx and esophagus, whereas the more dilute solutions can cause marked tissue irritation.⁴ Thus this potential toxin can produce both local and systemic adverse effects.

Clinical toxicity caused by cationic detergents depends, of course, on such variables as the type of surfactant involved, the amount of the chemical, the tissue that is being attacked, the age of the patient, the duration of the exposure, the concentration of the substance and so on. The eyes seem to be an area that can be interfaced with cationic detergents, at times with terrible consequences. For instance, whereas one drop of 0.1% solution of benzalkonium (Zephiran) can cause mild irritation of corneal and conjunctival epithelium, as little as one drop of a 2% to 10% solution of the same substance can cause severe corneal damage. Exposure of the skin to concentrated cationic surfactants can cause dermal necrosis, apparently made worse if the skin was occluded, i.e., with a bandage, etc. If a patient is unfortunate enough to *swallow* one of these cationic detergents, you can reasonably expect that vomiting and diarrhea will ensue. However, if this chemical was of the concentrated type (10-15%), it will burn, baby, burn. The concentrated varieties, usually intended for commercial use, are very caustic and can cause burns of the oropharynx and esophagus. It seems to me that complacency in the caregiver can easily occur vis-a-vis ingestion of this class of detergents, because most of us are programmed to think of classic caustic agents such as sulfuric or hydrochloric acid, sodium or potassium hydroxide when we think of corrosive burns of the upper gastrointestinal tract. We all must learn to read labels and take nothing for granted. Do not assume; investigate!! (Goodness sakes, do I sound preachy? Listen to me carefully or you know WHO may call me home. For I am a member of the PTL — POISONS THREATEN LIFE.)

Treatment

The treatment for this poisoning is non-specific and consists merely of supportive care. If the particular cationic detergent ingested was of the non-concentrated type, then it is reasonable to attempt to dilute the material by giving the patient water or milk to drink (120 to 240 ml in adults and 15 ml/kg or less in children). It is probably reasonable to attempt gastric emptying, after dilution, but this procedure should

occur very soon after ingestion because cationic detergents are rapidly absorbed. Induced emesis or lavage may not be necessary in most cases because these products cause emesis quite readily. It is considered good practice to administer activated charcoal to these patients because cationic surfactants are well absorbed. After the charcoal, a saline cathartic or sorbitol would seem to be indicated.

If the product involved was one of the concentrated varieties (>7.5%), treat as you would a caustic burn and attempt dilution with water or milk. Do not induce emesis or perform lavage, but do get an EENT person to esophagoscope the patient to look for esophageal burns. If the eyes are involved, irrigate them with very generous amounts of water for at least 15 minutes and obtain an eye consult if indicated, especially if the concentrated kind was involved. Skin exposure is treated with large amounts of water also. Local damage to the skin can certainly occur, especially with concentrated solutions of these products. This is called getting clean the hard way. Remember that beauty is only skin deep but ugliness, like deep chemical burns, can go all the way to the bone.

The adverse systemic effects of cationic detergents are not exactly a fun way to spend time either. These potentially lethal surfactants can cause rather deep coma, convulsions, and shock with death due to respiratory paralysis. A human fatal dose, by ingestion, is estimated to be between one and three grams.

One particular form of these products, quaternary ammonium sulfate,⁵ has the potential to produce pulmonary toxicity manifested by acute alveolar edema and chronic small airway dysfunction. This surfactant product is used as an "anticleing" fabric softener. If a lady doesn't use such a substance when doing her laundry, her slip and dress can cling to her body and that may not make anyone happy except me, of course. In order to get into pulmonary difficulty with this material you must work in an area in which the chemical is heavily concentrated or be exposed to its fumes on a long-term basis. Merely washing your step-ins or skivvies in fabric softener will not cause pulmonary problems.

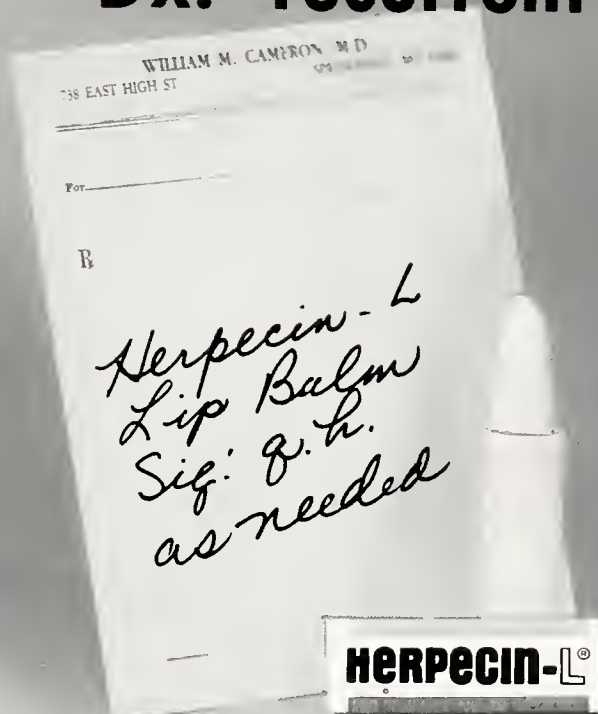
Horace may have been the first author to put on paper the concept "Live fast, die young, and have a good-looking corpse." In any case, he believed in spending each day as if it were the last one. He wrote such memorable lines as: "Pale Death knocks with impartial foot at poor men's hovels and king's palaces," and "Be wise, decant the wine, prune back your long-term hopes. Life ebbs as I speak; so seize each day and grant the next no credit." He also said, "Don't run on 4th down and 15." ■

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Usage in Pregnancy: Use of minor tranquilizers during the first trimester should almost always be avoided because of increased risk of congenital malformations as suggested in several studies. Consider possibility of pregnancy when instituting therapy; advise patients to discuss therapy if they intend to or do become pregnant.

Precautions: In the elderly and debilitated, and in children over six, limit to smallest effective dosage (initially 10 mg or less per day) to preclude ataxia or oversedation, increasing gradually as needed and tolerated. Not recommended in children under six. Though generally not recommended, if combination therapy with other psychotropics seems indicated, carefully consider individual pharmacologic effects, particularly in use of potentiating drugs such as MAO inhibitors and phenothiazines. Observe usual precautions in presence of impaired renal or hepatic function. Paradoxical reactions (e.g., excitement, stimulation and acute rage) have been reported in psychiatric patients and hyperactive aggressive children. Employ usual precautions in treatment of anxiety states with evidence of impending depression; suicidal tendencies may be present and protective measures necessary. Variable effects on blood coagulation have been reported very rarely in patients receiving the drug and oral anticoagulants, causal relationship has not been established clinically. Due to isolated reports of exacerbation, use with caution in patients with porphyria.

Adverse Reactions: Drowsiness, ataxia and confusion may occur, especially in the elderly and debilitated. These are reversible in most instances by proper dosage adjustment, but are also occasionally observed at the lower dosage ranges. In a few instances syncope has been reported. Also encountered are isolated instances of skin eruptions, edema, minor menstrual irregularities, nausea and constipation, extrapyramidal symptoms, increased and decreased libido—all infrequent and generally controlled with dosage reduction; changes in EEG patterns (low-voltage fast activity) may appear during and after treatment; blood dyscrasias (including agranulocytosis), jaundice and hepatic dysfunction have been reported occasionally, making periodic blood counts and liver function tests advisable during protracted therapy.

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References: 1. Whitley R, Barton N, Collins E, et al: Mucocutaneous herpes simplex virus infections in immunocompromised patients: A model for evaluation of topical antiviral agents. Proceedings of a symposium on acyclovir sponsored by Burroughs Wellcome Co. and the National Institute of Allergy and Infectious Diseases. *Am J Med* 1982;73(1A):236-240. 2. Nahmias AJ, Roizman B: Infection with herpes-simplex viruses 1 and 2 (third of three parts). *N Engl J Med* 1973;289:781-789. 3. Whitley RJ, Levin M, Barton N, et al: Infections caused by herpes simplex virus in the immunocompromised host: Natural history and topical acyclovir therapy. *J Infect Dis* 1984;150:323-329.

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By contrast, in studies of recurrent herpes genitalis and of herpes labialis in nonimmunocompromised patients, there was no evidence of clinical benefit; there was some decrease in duration of viral shedding.

Diagnosis: Whereas cutaneous lesions associated with Herpes simplex infections are often characteristic, the finding of multinucleated giant cells in smears prepared from lesion exudate or scrapings may assist in the diagnosis.¹ Positive cultures for Herpes simplex virus offer a reliable means for confirmation of the diagnosis. In genital herpes, appropriate examinations should be performed to rule out other sexually transmitted diseases.

CONTRAINDICATIONS: Zovirax Ointment 5% is contraindicated for patients who develop hypersensitivity or chemical intolerance to the components of the formulation.

WARNINGS: Zovirax Ointment 5% is intended for cutaneous use only and should not be used in the eye.

PRECAUTIONS:

General: The recommended dosage, frequency of applications, and length of treatment should not be exceeded (see DOSAGE AND ADMINISTRATION). There exist no data which demonstrate that the use of Zovirax Ointment 5% will either prevent transmission of infection to other persons or prevent recurrent infections when applied in the absence of signs and symptoms. Zovirax Ointment 5% should not be used for the prevention of recurrent HSV infections. Although clinically significant viral resistance associated with the use of Zovirax Ointment 5% has not been observed, this possibility exists.

Drug Interactions: Clinical experience has identified no interactions resulting from topical or systemic administration of other drugs concomitantly with Zovirax Ointment 5%.

Carcinogenesis, Mutagenesis, Impairment of Fertility: Acyclovir was tested in lifetime bioassays in rats and mice at single daily doses of 50, 150 and 450 mg/kg/day given by gavage. These studies showed no statistically significant difference in the incidence of benign and malignant tumors produced in drug-treated as compared to control animals, nor did acyclovir induce the occurrence of tumors earlier in drug-treated animals as compared to controls. In 2 *in vitro* cell transformation assays, used to provide preliminary assessment of potential oncogenicity in advance of these more definitive lifetime bioassays in rodents, conflicting results were obtained. Acyclovir was positive at the highest dose used in one system and the resulting morphologically transformed cells formed tumors when inoculated into immunosuppressed, syngeneic, weanling mice. Acyclovir was negative in another transformation system.

No chromosome damage was observed at maximum tolerated parenteral doses of 100 mg/kg acyclovir in rats or Chinese hamsters; higher doses of 500 and 1000 mg/kg were clastogenic in Chinese hamsters. In addition, no activity was found in a dominant lethal study in mice. In 9 of 11 microbial and mammalian cell assays, no evidence of mutagenicity was observed. In 2 mammalian cell assays (human lymphocytes and L5178Y mouse lymphoma cells *in vitro*), positive response for mutagenicity and chromosomal damage occurred, but only at concentrations at least 1000 times the plasma levels achieved in man following topical application.

Acyclovir does not impair fertility or reproduction in mice at oral doses up to 450 mg/kg/day or in rats at subcutaneous doses up to 25 mg/kg/day. In rabbits given a high dose of acyclovir (50 mg/kg/day, s.c.), there was a statistically significant decrease in implantation efficiency.

Pregnancy: Teratogenic Effects. Pregnancy Category C. Acyclovir has been known to cause a statistically significant decrease in implantation efficiency in rabbits, when given at subcutaneous doses providing mean plasma levels of drug 2.2 times those expected from use in patients with normal renal function.

Reproduction studies were negative for impairment of fertility or harm to the fetus in mice given oral doses, and in rats given subcutaneous doses providing mean plasma levels of drug 84 times and 4 times (respectively) greater than those expected from use in patients with normal renal function.

Acyclovir was not teratogenic after subcutaneous administration of up to 50 mg/kg/day during the period of organogenesis in rats and rabbits; doses up to 450 mg/kg given daily by gavage to mice were not teratogenic. There are, however, no adequate and well-controlled studies in pregnant women. Acyclovir should be used during pregnancy only if the potential benefit justifies the potential risk to the fetus.

Nursing Mothers: It is not known whether this drug is excreted in human milk. Because many drugs are excreted in human milk, caution should be exercised when Zovirax is administered to a nursing woman.

ADVERSE REACTIONS: Because ulcerated genital lesions are characteristically tender and sensitive to any contact or manipulation, patients may experience discomfort upon application of ointment. In the controlled clinical trials, mild pain (including transient burning and stinging) was reported by 103 (28.3%) of 364 patients treated with acyclovir and by 115 (31.1%) of 370 patients treated with placebo; treatment was discontinued in 2 of these patients. Other local reactions among acyclovir-treated patients included pruritus in 15 (4.1%), rash in 1 (0.3%) and vulvitis in 1 (0.3%). Among the placebo-treated patients, pruritus was reported by 17 (4.6%) and rash by 1 (0.3%).

In all studies, there was no significant difference between the drug and placebo group in the rate or type of reported adverse reactions nor were there any differences in abnormal clinical laboratory findings.

DOSAGE AND ADMINISTRATION: Apply sufficient quantity to adequately cover all lesions every 3 hours 6 times per day for 7 days. The dose size per application will vary depending upon the total lesion area but should approximate a one-half inch ribbon of ointment per 4 square inches of surface area. A finger cot or rubber glove should be used when applying Zovirax to prevent autoinoculation of other body sites and transmission of infection to other persons. Therapy should be initiated as early as possible following onset of signs and symptoms.

HOW SUPPLIED: Zovirax Ointment 5% is supplied in 15 g tubes (NOC 0081-0993-94). Each gram contains 50 mg acyclovir in a polyethylene glycol base. Store at 15°-25°C (59°-77°F) in a dry place.

REFERENCE: 1. Naib ZM et al. *Cancer Res* 33:1452-1463, 1973.
U.S. Patent No. 4199574



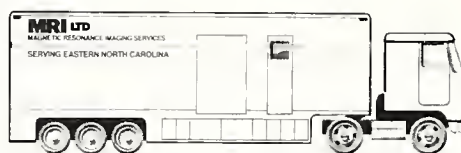
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Prototype PA

James F. Gifford, Jr., Ph.D.

Formal training for physician assistants entered its twentieth year in 1985, with the role firmly established among the ranks of American health professionals. During the past two decades PAs have entered a wide variety of general and specialized practice settings,¹ the success of PAs being due in significant part to their adaptability. This adaptability reflects the complex social origins of the role, which included the increasingly positive value placed on health care by Americans in the twentieth century, the social reform pressures characteristic of the 1960s, awareness in the medical community of other physician-extender models both in this country and abroad, and the many specific needs for clinically trained personnel that emerged, at the Duke University Medical Center and elsewhere, out of the attempt to deliver quality medical care to all Americans.²

Historically, however, the most specific forerunner of formal physician assistant training was the family practice of Amos Johnson, M.D., and Henry Treadwell of Garland, North Carolina. The story of their professional relationship, which began in 1940 and ended with the death of Dr. Johnson in 1975, not only recalls the roots of the PA role but also raises the question of how best to conserve and expand the experience of PAs in mid-career when their original practice settings change or close.

Family Background

Garland, North Carolina, was a rural community of approximately 500 in the Piedmont section of North Carolina, the surrounding population consisting of almost equal numbers of whites and blacks. Jefferson and Mary Johnson farmed in the area in the early decades of the twentieth century, but pointed their sons toward the professions. Their eldest son, James, became an engineer of international reputation. The second boy, Jefferson, entered law school and sat eventually on the North Carolina Supreme Court. Mrs. Johnson hoped that her youngest son, Amos, would become a Presbyterian preacher, but the influence of her husband prevailed and Amos, after graduating from Duke University

in 1929, entered medical school at the University of North Carolina. After two years he transferred to the University of Pennsylvania, taking his M.D. in 1933.

Following an internship at Jackson Memorial Hospital in Miami, Florida, Johnson returned to North Carolina to join his brother-in-law in practice at Lincolnton. Shortly thereafter, however, Mrs. Johnson was killed in an accident and Johnson returned to Garland temporarily so that his father would not be alone in the house. The temporary arrangement was to last 43 years.

Initially Johnson practiced in his father's house, using one front room as his office and the front porch as a waiting room. His local roots, respected family, and personable manner quickly brought large numbers of patients. He soon married Mary Porter Allan, a laboratory technician whom he met when he was an intern and she a student in Miami. Together they planned and built offices designed to serve as many patients as possible, with office routine reflecting the area's racially based social structure.

The Practice Setting

For the farm families of the Garland area, "going to the doctor" was a social occasion, a chance to visit with friends in town and catch up on the local news. The demands of farming, travel time, and the unpredictability of illness and trauma made the scheduling of medical care difficult. Accordingly, the Johnsons decided to run their practice without making appointments.

Their offices were built with a large waiting room at the front, divided in the center by a wall with a large open door. Whites entered through the front door and blacks at the side. Once inside, all were treated on a first-come, first-served basis, Mrs. Johnson determining the order in her capacity as office manager. Swinging doors separated the waiting room from the treatment area, a large room with an examining table surrounded by six examining rooms, each with a hospital bed. This arrangement allowed Dr. Johnson to call seven patients at a time for treatment, office assistants preparing each of them after routine lab tests from Mrs. Johnson.

After each round of visits, Dr. Johnson called the patients together for what he called "group therapy," instructing

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each in turn about regimen and medications while holding a telephone open to the local pharmacy so that the druggist heard exactly what the patient was told. Mrs. Johnson entered this information in the charts and accepted payment, after which the patient went directly to the pharmacy, if necessary, where his or her prescription was already waiting. The large patient volume made possible by this efficient organization helped keep costs low: even in the 1960s the cost of an office visit to Dr. Johnson, routine lab work included, was three dollars.

As the practice grew, the office assistants became the key to efficiency. Not only did they keep the treatment area clean and prepare patients for Dr. Johnson, but they also were responsible for controlling the large number of children who visited the practice and for seeing to it that the noise of conversations in the waiting area did not become too distracting to Johnson. Although the Johnsons occasionally employed an RN, most of their office assistants over the years were young women from the community who were known, both as individuals and by family, to the Johnsons and who were trained by them for the job. Eventually it was felt that a male assistant would be useful, both to prepare the male patients and to deal with the children. Accordingly, the Johnsons hired Henry Lee Treadwell, a recent high school graduate whose aunt was employed by the Johnson family as a domestic and whose entire family was known to them. Treadwell possessed the three qualifications the Johnsons required of their assistants. He was likeable, honest and trainable.

The Training of Henry Treadwell

As it developed, Treadwell possessed two characteristics which were to permit him to go far beyond the role of office assistant. The first was that he was "all ears." He had a remarkable capacity for absorbing information and an insatiable curiosity. The second was that he, like Amos Johnson, was an avid sportsman who loved to hunt. Whenever possible the two men spent hours in the woods, talking medicine from the time they left until the time they returned. What they talked about Johnson then illustrated, as occasion permitted, in the office.

Treadwell's training was by apprenticeship. He quickly mastered the task of maintaining the office routine and was instantly popular with the children. With both Dr. and Mrs. Johnson increasingly pressed for time by the increasing number of patients, each allowed "Buddy," as Treadwell was known, to observe procedures, to learn them under direct supervision, and to handle them himself once competent. When the doctor heard something interesting through his stethoscope, Treadwell listened both to the sound and then to an explanation. In the early days Johnson would begin to suture a wound, then allow Treadwell to finish. Soon he was suturing without direct supervision. Similarly, "Monk," as Mrs. Johnson was known, taught Treadwell

about blood tests and urinalysis, procedures which she often left to him once he was competent.

His competence won him respect from the entire community, and he was the object of particular devotion from the children, who frequently demanded, whatever the procedure, that the doctor "let Buddy do it." Treadwell gained for himself not only technical competence but also an appreciation of the relationship between science and personality in the art of medicine. As his understanding grew, the scope of his conversations with Johnson broadened, to the delight of both.

In the absence of the Johnsons, Treadwell increasingly handled emergencies at the office, working up patients and referring them to Sampson County Memorial Hospital in Clinton, the county seat. So precise were his reports that physicians there accepted his referrals as if they had come from Johnson himself. Later this was true also at the Duke University Medical Center, the central referral hospital for the area. The drug and equipment salesmen who called on the Johnsons also came to rely on Treadwell, explaining their wares and depending on him to replay their spiels to the doctor when he had time available. From almost every conversation, Treadwell learned something new.

He learned even more from his interactions with the medical students who rotated through the practice as preceptees. Dr. Wilburt C. Davison, Professor of Pediatrics and Dean of the Duke University School of Medicine, believed that his house staff should be trained in practice organization and family medicine, and for these Johnson came to have a nationwide reputation. From his first days in practice, Johnson found that his medical training did not have the correct balance for general family practice. Early on he sought additional instruction, first in dermatology, then in pediatrics, then in other subjects. He became a powerful advocate of reforming the medical curriculum to prepare doctors for family practice by offering them an intense but more generalized experience. Davison shared these concerns, and sent students to Johnson both to learn family practice and to absorb Johnson's values.

Because of his years of experience, Treadwell often became, however inadvertently, an instructor to these students in practical matters. On one occasion, while a student was ransacking his manuals to diagnose what turned out to be a black widow spider bite, Treadwell left, obtained antivenom from the pharmacy, loaded a syringe, and handed it to the student when he asked "Do you have black widow spiders around here?" As the students learned detail from him, Treadwell learned theory from them and became known personally to a generation of Duke graduates.

Family Practice and the PA Role

Beginning in the 1950s, concern mounted in America that medicine was becoming over specialized and that there was need to increase the number of family physicians. Amos

Johnson became a national spokesman for this concern. As a charter member of the North Carolina Chapter of the American Academy of Family Physicians (1948), and later as president of the North Carolina chapter, president of the North Carolina Medical Society, national president of the Academy, and delegate from North Carolina to the American Medical Association, he lobbied both in the state capital at Raleigh and in Washington. His goals were establishment of family practice as a recognized specialty, with family practice programs in the state's medical schools, and passage of what became the Family Practice of Medicine Act (1969).

He was a consummate politician, and his leadership was applauded across the political spectrum from Senator Edward M. Kennedy to Senator Jesse Helms. Congressman H. Richardson Preyer credited Johnson with doing "More than any one man to promote the necessity of Family Practice." His political activities brought dozens, if not hundreds, of medical and political leaders into contact with the details of his personal practice and, necessarily, into general awareness of his assistant, Henry Treadwell. As one doctor recalled, "As we made rounds in his office with his black physician's assistant of thirty years, I always learned something new . . ."³

By the mid-1960s, when the political activity leading to the establishment of family practice as a specialty was at its height, the evolution of Henry Treadwell from office assistant to physician assistant also was complete. Involvement in the practice and the medical activities of Amos Johnson provided Treadwell with a unique apprenticeship. He was trained both in clinical procedures and in their supporting laboratory technologies, although his formal education had stopped at high school. His primary roles were to multiply the hands of his host physician in the conduct of practice and to do whatever else was necessary to ensure efficient administration. Because he was trained in advance for no single set of responsibilities, he was free to develop himself in accord with the unique circumstances of his practice setting. And, because of his personal competence and his association with Amos Johnson, he was widely known and generally respected.

Among those who had a general knowledge of his role was Dr. Eugene A. Stead, Jr., Professor and Chairman of the Department of Medicine at the Duke University Medical Center. During the early 1960s Stead was charged with developing clinical staff for the specialty services of Duke Hospital, increasing the number of area physicians attending the continuing education programs of the Medical Center, and being generally attentive to the task of improving delivery of health care in the Carolinas. The training of a new type of assistant to physicians would contribute in each of these areas.⁴

Although Amos Johnson himself was not sure that formal training of PAs could succeed as well as apprentice training, Johnson's success with Henry Treadwell helped shape Stead's prototype definition of the PA role and win federal support

for PA training. In recognition, the Duke program awarded Treadwell an honorary certificate of graduation in 1968.

End of the Practice, and a New Question

By the time of Treadwell's symbolic graduation he had been in practice with Amos Johnson for almost thirty years. Both men could foresee the day when the practice would close. What, then, would Treadwell do? While his clinical skills and perhaps his administrative ability were transferable to another setting, the personal relationships that were also part of the basis of his professional respect were unique to Garland, and the routines that gave shape to his administrative ability were unique to his practice. In anticipation of the possibility that no suitable medical situation would be available, Johnson bought a farm for Treadwell that adjoined one that had been left to Treadwell's wife. As events developed, no suitable medical situation presented itself. When Johnson died in 1975 some of the physicians at the hospital in Clinton discussed a position for Treadwell, as did physicians from Elizabeth City, who took over some of Johnson's patients. Either position, however, meant relocation. Treadwell did some work for the physicians who took over the patients, but it just wasn't the same. Today Treadwell runs a restaurant in Garland. His personal relationships thus were maintained, but his experience was lost to medicine.

As the first generation of formally trained PAs reaches mid-life and mid-career, some will find themselves in situations analogous to Treadwell's. The uniqueness of each PA practice setting and the dependence of each PA upon the license of a supervising physician mean that some PAs will be more successful than others in new roles when a sponsoring physician retires or dies or a specialty agency closes or changes function. Not only may the matching of skills to situations be chancy, but the dynamics of older, and more expensive, PAs seeking positions with younger physicians have yet to be examined in experience. There may well be need for PAs as a professional group to seek new and rewarding areas of service and practice for their most experienced men and women. ■

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"De Facto Collusion" in the Health Insurance Industry

Implications for Physicians

James P. Weaver, M.D.

The health insurance industry has consistently shaped its terminology to increase its influence over the health care market. By the use of carefully chosen phrases, the insurance companies have attempted to publicly label physicians as unreasonable, wasteful, and "no better, or different, from anyone." This tactic is helping them gain control of a once physician-dominated realm. For example, the recent effort of the Travelers Insurance Company to label itself "Patient Advocate" is an escalation of this linguistic technique. It indicates an attempt by an insurance company to usurp the traditional role of the physician.

The verbal manipulation of the image of the physician by multiple competing insurance companies demonstrates the principle of "de facto collusion" which the health insurance industry is using so successfully. If organized medicine is to defend any domain in the delivery of health care, it must follow the example of the insurance industry, and respond with "de facto collusion" of its own.

(Un)usual, (Un)customary, (Un)reasonable

One of the oldest and most effective phrases is the "usual, customary, and reasonable" used by Blue Cross. As old as the company itself, this phrase has stood the test of time. It is still used, behind the shield of the legal constraints against "price fixing," to conceal the complete pricing picture, and to place those who are outside its secret limits immediately into the category of "unreasonable." Who is to know that "the ninetieth percentile at the seventy-fifth percentile with a twenty percent withhold" is the level used to determine what is "reasonable"? Can a charge that is "unusual, unc customary, and unreasonable" possibly be justified or fair? No physician would wish to be labeled in such a manner, and most have tried to place their charges to avoid this designation. Patients are most often inexperienced, worried, and stressed, and have little objective information in their medical encounters upon which they

may base conclusions. Receiving a check from your insurance company that states "your doctor's charges are greater than the usual, customary, and reasonable" effectively places the physician in a compromised position in the eyes of his or her patient. This is precisely what Blue Cross is trying to accomplish.

Costwise Providers and Patient Advocates

Blue Cross has attempted to label as wasteful those physicians who do not join the Blue Cross insurance plans. By naming a plan "Costwise," and the "joiner" physician a "Costwise physician," there is an inference that the physician who did not sign up is "cost foolish," or unconcerned about costs. The policy of sending the check to the patient with the statement that the physician is not a "cost wise" physician is particularly misleading to the public. It would be more honest, albeit not as effective, for Blue Cross to simply say that the patient's physician did not wish to submit to the conditions of the Blue Cross contract to physicians. Blue Cross has effectively used this catch phrase to label the physician derogatorily in the eyes of the public.

Because they deal with many different entities, the insurance companies introduced the term "provider" as a convenience. Their "convenience," however, resulted in the added dimension of removing the term "physician" from our designation. The implication, that the physician is just another "provider," is a great advantage to the insurance industry. Besides deserving no special treatment or compensation for their "providing," physicians are instantaneously divested of the esteem associated with the old terminology. This change is effectively contributing to the transformation of the physician from the "captain of the ship" to one of the crew. Physicians are now to be viewed no differently from any of the "providers": the impersonal hospital, the nurse practitioner, the physical therapist, or the dietitian.

"Providers" are a new breed, more easily subjected to the restrictions and interventions of the third parties. Second

opinions, utilization review, denial of claims, and "unnecessary operations" somehow are applied to "providers" more easily than to "physicians." This terminology has caught on so rapidly that I have heard physicians refer to themselves as a patient's "primary provider."

Physicians will do better if they do not abandon their traditional label for the modern insurance company substitute. It is important that we continue to view ourselves as "physicians," and to recognize the distinction. As he or she works for an insurance company, a "provider" will sacrifice much professional freedom. A "physician," working for his or her patients, is not placed in the same compromising position.

In addition to re-naming the physician's role, at least one insurance company is re-naming its own role to the detriment of physicians. Recently, the Travelers Insurance Company has made a verbal attempt to shift the traditional role of the "Patient Advocate" from the doctor to the insurance company. The utilization review nurses at The Travelers now refer to themselves as "Patient Advocates." Their role, as defined in letters to patients, is to "help you (the patient) make more informed medical decisions." These "Patient Advocates" inform the patient that they will be contacting the "treating physician at regularly scheduled intervals to review whether the proposed length of stay is appropriate or should be modified."

I have always believed that it was the role of the physician to help the patient make "informed medical decisions." It appears that The Travelers believes otherwise. The move to usurp the usual province of the physician is a new and malignant escalation of this verbal assault. Other terms, such as "provider," "costwise," or "unreasonable," were used to make the public believe the physician was something other than his or her true self. Now the core of the professional life of the physician — our traditional role as Patient Advocate — has become the target at which The Travelers has taken aim. The implication that The Travelers will monitor the physician for the "good" of the patient's medical care is an attempt to strip physicians of their professional identity.

De Facto Collusion: Fighting Fire with Fire

Physicians remain at a disadvantage in this struggle. The 1975 Supreme Court decision in *Goldfarb v. Virginia State Bar* placed the "learned professions" under the close scrutiny of the Federal Trade Commission. As "competitors," physicians are now not allowed to act as a group because these actions may be considered "in restraint of trade" and may result in antitrust violations. It seems clear, however, that because of its "usual and customary" methods, the health insurance industry is approaching the medical profession as a unified force. Even though the individual insurance companies are obvious competitors, they are acting toward the Medical Profession as if they are cooperating with each

other. In this sense they have used "de facto collusion." Their actions, not only the verbal assaults, but the "organizational" interferences as well, are affecting the profession of medicine as if they originate from a single source.

The lesson for Medicine is actually quite simple. The reason the insurance industry has been so effective in its effort to control the health care market is its singleness of purpose. Medicine must also develop this sense of common direction. Medicine must begin to function with the purpose and the same force of "de facto collusion" that the insurance industry has shown us.

"De facto collusion" occurs after the individuals in a group have comprehended their common predicament and goals, and have begun to act as a unit. If fifty people are sitting in burning building, they do not have to have a meeting to decide to leave. They sense the danger and leave, as a group.

To gain this insight, physicians must begin a new effort to educate one another. We must inform each other of what is happening to our lives and to our ability to practice medicine. We must begin to write, read, and talk with each other on a regular basis. Which group has joined which HMO, and why? Which insurance companies are coming into town, and what is their pattern of operation in other cities in which they have operated? What are the experiences of other physicians in my town in dealing with a particular insurance company? How is this or that insurance company affecting the care of my patients? What is happening to my income since I joined "X" insurance company? Chances are that your experiences are similar to those of your associates. It is a thorough understanding of these experiences that will begin to paint a picture of the "situation" for all of us. Only then can we hope to gain the common level of experience that will allow physicians to begin to act with a collective direction, without collusion and within the constraints of the law.

Finally, if Medicine is to maintain any element of influence in our future health care delivery system, it must respond to these recent pressures with the same basic ethic that allowed it once to flourish. If we can follow the central teaching of Medicine, that the Patient is the single most vital concern in all medical encounters, we, as physicians, will surely find a proper course and eventual success in the conflict ahead.

Because of the verbal attack by the insurance industry, Medicine has actually been given an opportunity to reevaluate the meaning of our "Profession." As physicians, we must protest the labels "provider," "unreasonable," and "costwise," and reaffirm our traditional role of Patient Advocate. As we educate our patients and ourselves to the significance of these terms, our professional self-respect will improve, and we will certainly develop a clearer sense of our common professional predicaments. This understanding may help our currently fragmented profession begin to act with greater unity and direction as Medicine begins to utilize "de facto collusion" of its own. ■

American Teens and Birth Control

Commentary

S. DuBose Ravenel, M.D.

The Report on a survey by Planned Parenthood Federation in the May issue of NCMJ (American teens speak, 1987;48:267-70) is of interest to those who share concern about the problem of unmarried teenage pregnancies. Careful analysis of the complete study¹ from which the Report was derived reveals several facts not mentioned in the Report but of equal or greater interest in making conclusions from the data obtained.

Planned Parenthood makes a point that many teenagers are sexually active, but many do not usually use birth control, with high rates of teenage pregnancy being the "inevitable result." They stress increasing the use of birth control as a solution. In order for increased use of birth control to lead to a reduction in teenage pregnancies, it must be assumed that increased education in and use of birth control among unmarried adolescents does not lead to an increase in sexual activity or that any such increase would be outweighed by a reduction in pregnancy rates. The idea that increased availability and use of contraceptives among teens would lead to a reduction in pregnancy rates is an unproven assumption specifically mentioned in the text of the poll. Findings included within the data from which the Report was written, but not mentioned in the Report, raise concern about the possible effect of increased sexual activity related to increased birth control education:

1 Teenagers who talked with their parents about sex and birth control were more likely to have had intercourse than those who had talked about sex but not birth control.

2 The rate of sexual activity among teens who had a "comprehensive" sex education course in school (defined as including information on contraception) was more than one-third higher than among teens exposed to sex education without birth control information or not provided sex education in school.

¹The references to the "complete study" from which the Report was derived are to the complete, original poll published by Planned Parenthood, not to the pamphlet from which the highlights were selected for the Report.

Sources other than Planned Parenthood have concerns about the possibility of increased teenage sexual activity following provision of contraception, including the following: one year after starting oral contraceptives a group of teenage clinic patients in Detroit were found to be "moderately more" sexually active, having intercourse an average of 4.3 times a month before admission to the clinic and 6.8 times a month one year later.¹ Furstenberg commented in 1981 that "even the most dedicated proponents of widespread contraceptive information availability for teenagers are aware that their efforts may promote sexual activity . . ."² The National Research Council in its widely quoted report "Risking the Future" acknowledges that birth control information and provision to adolescents is associated with increased rates of sexual activity, and suggests the possibility that this may be a causal relationship.³ Margiglio and Mott point out that adolescents who have previously taken a sex education course are "somewhat more likely" than those who have not to initiate sexual activity at ages 15 and 16.⁴ Pietropinto found that 81% of 400 randomly selected family physicians and psychiatrists who responded to a nationwide survey on contraception believed that increased availability of contraceptives had led to increased sexual activity among teenagers.⁵

Finally, and most importantly, the issue of pregnancy rates among teens exposed to sex education with birth control information/availability is not addressed by the Planned Parenthood poll. Olsen and Weed in an exhaustive analysis of data from 50 states have shown that provision of family planning services to adolescents is associated with an increase in pregnancy rates and that this association is not explained by the logical possibility that such an increase would simply reflect placement of such services in areas of greatest need.⁶ Despite provision of birth control information and prescriptions in school-based health clinics (SBCs), either directly or through referral, no reduction in pregnancy rates in the population exposed to such programs has been confirmed. The prototype for such clinics, in St. Paul, Minnesota, in 1980 was reported to have shown a 40% decline in pregnancies, attributed to the family planning services rendered, along with a 23% reduction in fertility.⁷ Subsequently the administrator of the St. Paul SBCs has reported

that a decline in *births* was found but that whether the decline was due to a decrease in the number of pregnancies or to an increase in abortions could not be determined.⁸

Another frequently cited program providing family planning services to teens in Baltimore clinics located close to schools reported a significant decline in pregnancy rates among students exposed to the program compared with students not enrolled in the program.⁹ Pregnancy rates were defined as a percentage of sexually active students only, however, so that if, as a result of the program, pregnancies increased, but less markedly than sexual activity increased, an actual increase in pregnancies would appear as a reduction. Using data from 1974 to 1980 nationwide, the United States Department of Health and Human Services reported this exact phenomenon; pregnancies among 15- to 19-year-olds increased by 8.2%, but if shown as percent age of sexually active teens only, pregnancies appeared reduced by 5.7%.¹⁰

It is of interest, furthermore, that although the Baltimore data were reported to show an *average* of seven months' "apparent postponement" of first intercourse among students exposed to the program for three years, of the more than 1,000 initially enrolled only 96 girls had three-year exposure, and the number of girls who "apparently postponed" coitus is not provided.

Pregnancy rates among teens using oral contraceptives with a high rate of compliance have been reported to be 9.9% to 13%,¹¹ compared with a pregnancy rate in the entire teen female population of 10%. If, therefore, sex education and birth control education/availability are causally related to increased rates of sexual activity in teens, with pregnancy rates among high-compliance contraceptive users similar to those in the teen population as a whole, Planned Parenthood's focus on removing barriers to the use of birth control among unmarried teens has considerable potential for inadvertently aggravating the very problem it is designed to alleviate.

Another finding in the poll which was not noted in Planned Parenthood's Report was that only 14% of the sexually active teenagers who themselves did not usually use birth control attributed their not using protection mainly to a lack of knowledge or access. Therefore, along with possible undesirable effects, it is doubtful that education and availability would significantly affect consistency of use of birth control among sexually active teens. Cutright, in commenting on the failure of contraceptive programs to decrease pregnancies among unmarried teens, said in 1972, "areas with weak programs or no programs at all experience smaller increases or larger declines (in pregnancy) than are found in (areas with strong contraceptive programs)."¹²

These observations leave aside the fact that to condone or promote contraception among unmarried teenagers implies approval of what is in many states illegal behavior,

and also directly opposes the safer and more appropriate educational focus on promoting premarital abstinence. It is sexual intercourse, not "failure to use contraception," that causes pregnancy.

Cervical cancer is another issue of concern. Barron in his report of consequences of sexual activity in British teens under 16 years of age found that the risk of carcinoma of the cervix doubled in women who began sexual activity before the age of 17. He thus pointed out the combined medical and moral basis for discouraging sexual activity in young teens.¹³

It is time to follow the American Medical Association's 1984 resolution promoting premarital abstinence, and to support and encourage other teenagers to join the 72% of adolescent girls who report abstaining from sex, rather than to advocate policies that may compound the problem. ■

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In Time

Brent Weston, M.D.

I evaluated an infant for "failure to thrive." His mother was ineligible for adequate support, and she shared the infant's formula. At this time, there was a rather bitter attack on the medical establishment in the lay press (Newsweek, Jan. 26, 1987), and I was working on choosing a research fellowship (molecular biology).

I see a time when we will fix a gene
To heal his heart, or save her brain;
To stop a tumor, and lift the pain.

But few will seek our care
That dying day of cure;
A time when hungry mothers drink
Their infants' meager share;
And plastic hearts still beat
On greens in West Palm Beach.

And yet in time, the Oath holds true:
To use our gift with care,
Not pride, or fad, or greed;
To give ourselves for those in need.

Pediatric Resident, North Carolina Memorial Hospital,
Chapel Hill 27514.

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protection plus safety...**



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A remarkable safety profile^{1,6}

The low incidence of side effects with Cardizem allows patients to feel better.

Protection against angina attacks^{1,5,7-9}

The predictable efficacy of Cardizem in stable exertional* and vasospastic angina allows patients to do more.

A decrease in myocardial oxygen demand

Resulting from a lowered heart rate-blood pressure product.⁵

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†See Warnings and Precautions

Please see brief summary of prescribing information on the next page.

90 mg **GREATER
DOSAGE
FLEXIBILITY**
NEW 120 mg



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Usual maintenance dosage range: 180-360 mg/day

Brief Summary

Professional Use Information

CARDIZEM[®]

(diltiazem HCl) 30 mg, 60 mg, 90 mg, and 120 mg Tablets

CONTRAINDICATIONS

CARDIZEM is contraindicated in (1) patients with sick sinus syndrome except in the presence of a functioning ventricular pacemaker, (2) patients with second- or third-degree AV block except in the presence of a functioning ventricular pacemaker, and (3) patients with hypotension (less than 90 mm Hg systolic).

WARNINGS

- Cardiac Conduction.** CARDIZEM prolongs AV node refractory periods without significantly prolonging sinus node recovery time, except in patients with sick sinus syndrome. This effect may rarely result in abnormally slow heart rates (particularly in patients with sick sinus syndrome) or second- or third-degree AV block (six of 1,243 patients for 0.48%). Concomitant use of diltiazem with beta-blockers or digitalis may result in additive effects on cardiac conduction. A patient with Prinzmetal's angina developed periods of asystole (2 to 5 seconds) after a single dose of 60 mg of diltiazem.
- Congestive Heart Failure.** Although diltiazem has a negative inotropic effect in isolated animal tissue preparations, hemodynamic studies in humans with normal ventricular function have not shown a reduction in cardiac index nor consistent negative effects on contractility (dp/dt). Experience with the use of CARDIZEM alone or in combination with beta-blockers in patients with impaired ventricular function is very limited. Caution should be exercised when using the drug in such patients.
- Hypotension.** Decreases in blood pressure associated with CARDIZEM therapy may occasionally result in symptomatic hypotension.
- Acute Hepatic Injury.** In rare instances, significant elevations in enzymes such as alkaline phosphatase, CPK, LDH, SGOT, SGPT, and other symptoms consistent with acute hepatic injury have been noted. These reactions have been reversible upon discontinuation of drug therapy. The relationship to CARDIZEM is uncertain in most cases, but probable in some. (See PRECAUTIONS.)

PRECAUTIONS

General. CARDIZEM (diltiazem hydrochloride) is extensively metabolized by the liver and excreted by the kidneys and in bile. As with any new drug given over prolonged periods, laboratory parameters should be monitored at regular intervals. The drug should be used with caution in patients with impaired renal or hepatic function. In subacute and chronic dog and rat studies designed to produce toxicity, high doses of diltiazem were associated with hepatic damage. In special subacute hepatic studies,

oral doses of 125 mg/kg and higher in rats were associated with histological changes in the liver which were reversible when the drug was discontinued. In dogs, doses of 20 mg/kg were also associated with hepatic changes, however, these changes were reversible with continued dosing.

Drug Interaction. Pharmacologic studies indicate that there may be additive effects in prolonging AV conduction when using beta-blockers or digitalis concomitantly with CARDIZEM. (See WARNINGS.)

Controlled and uncontrolled domestic studies suggest that concomitant use of CARDIZEM and beta-blockers or digitalis is usually well tolerated. Available data are not sufficient, however, to predict the effects of concomitant treatment, particularly in patients with left ventricular dysfunction or cardiac conduction abnormalities. In healthy volunteers, diltiazem has been shown to increase serum digoxin levels up to 20%.

Carcinogenesis, Mutagenesis, Impairment of Fertility.

A 24-month study in rats and a 21-month study in mice showed no evidence of carcinogenicity. There was also no mutagenic response in *in vitro* bacterial tests. No intrinsic effect on fertility was observed in rats.

Pregnancy. Category C. Reproduction studies have been conducted in mice, rats, and rabbits. Administration of doses ranging from five to ten times greater (on a mg/kg basis) than the daily recommended therapeutic dose has resulted in embryo and fetal lethality. These doses, in some studies, have been reported to cause skeletal abnormalities. In the perinatal/postnatal studies, there was some reduction in early individual pup weights and survival rates. There was an increased incidence of stillbirths at doses of 20 times the human dose or greater.

There are no well-controlled studies in pregnant women; therefore, use CARDIZEM in pregnant women only if the potential benefit justifies the potential risk to the fetus.

Nursing Mothers. Diltiazem is excreted in human milk. One report suggests that concentrations in breast milk may approximate serum levels. If use of CARDIZEM is deemed essential, an alternative method of infant feeding should be instituted.

Pediatric Use. Safety and effectiveness in children have not been established.

ADVERSE REACTIONS

Serious adverse reactions have been rare in studies carried out to date, but it should be recognized that patients with impaired ventricular function and cardiac conduction abnormalities have usually been excluded.

In domestic placebo-controlled trials, the incidence of adverse reactions reported during CARDIZEM therapy was not greater than that reported during placebo therapy.

The following represent occurrences observed in clinical studies which can be at least reasonably associated with the pharmacology of calcium influx inhibition. In many cases, the relationship to CARDIZEM has not been established. The most common occurrences as well as their frequency of presentation are: edema (2.4%), headache (2.1%), nausea (1.9%), dizziness (1.5%), rash (1.3%), asthenia (1.2%). In addition, the following events were reported infrequently (less than 1%):

Rx

*Cardizem[®]
(diltiazem HCl)*

☐ 60 mg ☐ 90 mg

☐ 120 mg

Sig: tid

Cardiovascular	Angina, arrhythmia, AV block (first degree), AV block (second or third degree — see conduction warning), bradycardia, congestive heart failure, flushing, hypotension, palpitations, syncope
Nervous System	Amnesia, gait abnormality, hallucinations, insomnia, nervousness, paresthesia, personality change, somnolence, tinnitus, tremor
Gastrointestinal	Anorexia, constipation, diarrhea, dysgeusia, dyspepsia, mild elevations of alkaline phosphatase, SGOT, SGPT, and LDH (see hepatic warnings), vomiting, weight increase
Dermatologic	Pelechiae, pruritus, photosensitivity, urticaria
Other	Amblyopia, dyspnea, epistaxis, eye irritation, hyperglycemia, nasal congestion, nocturia, osteoarthral pain, ptyalism, sexual difficulties

The following postmarketing events have been reported infrequently in patients receiving CARDIZEM: alopecia, gingival hyperplasia, erythema multiforme, and leukopenia. However, a definitive cause and effect between these events and CARDIZEM therapy is yet to be established.

Issued 9/86

See complete Professional Use Information before prescribing

References: 1. Schroeder JS. *Mod Med* 1982;50(Sept):94-116. 2. Cohn PF, Braunwald E. Chronic ischemic heart disease, in Braunwald E (ed): *Heart Disease: A Textbook of Cardiovascular Medicine*, ed 2 Philadelphia, WB Saunders Co, 1984, chap 39. 3. O'Rourke RA. *Am J Cardiol* 1985;56:34H-40H. 4. McCall O, Walsh RA, Frohlich EO, et al. *Curr Probl Cardiol* 1985;10(8):6-8D. 5. Frishman WH, Charlup S, Goldberger J, et al. *Am J Cardiol* 1985;56:41H-46H. 6. Shapiro W. *Consultant* 1984;24(Dec):150-159. 7. O'Hara MJ, Khurmi NS, Bowles MJ, et al. *Am J Cardiol* 1984;54:477-481. 8. Strauss WE, McIntyre KM, Pansky AF, et al. *Am J Cardiol* 1982;49:560-566. 9. Feldman RL, Pepine CJ, Whittle J, et al. *Am J Cardiol* 1982;49:554-559.

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Letters to the Editor

On child safety

To the Editor:

To measure the prevalence of two important preventive practices in the parents/guardians of a pediatric age population, 125 consecutive patient encounters by a single physician were evaluated for seatbelt or car seat use on the trip to the clinic and for the presence of Ipecac in the child's home. The population sampled is largely indigent and from a moderate-size North Carolina city.

These two practices were chosen for study because of their potential great benefit. It is well established that motor vehicle accidents are the leading cause of death in the five to 14 age group. Less deadly but affecting perhaps one million children yearly are accidental toxic ingestions, for which Ipecac syrup is an important mode of secondary prevention of ill effects.

The results, summarized in the table below, show a reported seatbelt use rate of 74%. Whatever the social or legal influences behind it, this reported rate is reassuring evidence that seatbelt or carseat use has wide support among parents of this pediatric population. Interestingly, 31% of non-belt use was due to the lack of belts on city buses.

The data on Ipecac is less encouraging; nine of ten parents did not keep Ipecac in the home. However, 62% of those reporting Ipecac in the home had received samples from a county health department. This is evidence of the positive effect a local health department may have on important preventive measures in child safety.

	Yes (%)	No (%)	Total
Child in seat belts or car seat on the trip to the clinic	93 (74)	32 (26)	125
Ipecac kept in the home	16 (15)	91 (85)	107

William A. Price, M.D., M.P.H.
1408 N. Mangum St.
Durham 27701

References

- 1 Behrman RE, Vaughan VC. Textbook of pediatrics. Twelfth ed., 1983, p. 5.
- 2 Weinberger HL. Ipecac: the old standby is still the best bet. Contemporary pediatrics. April 1987;44-54.

About a General Accounting Office report

To the Editor:

Of significance to every practicing physician is the recently published General Accounting Office report concerned with medical professional liability which contains specific recommendations. Because this is the product of an extensive indepth study it is certain to gain the attention

of many legislative bodies.

The report has sections devoted to reducing injuries, improving communication, reforming tort law, providing alternative dispute resolution, and one devoted to the insurance industry. Medical incompetence was cited as a significant issue to be resolved and improved peer review was recommended. They suggested that risk management training be made mandatory.

They emphasized the need for improved communication and advocated tort reform which would hopefully result in more efficiency, predictability, and equity in the way that medical malpractice claims are resolved. Alternate dispute resolution suggestions included arbitration screening panels and no fault. They recognized that there is a potential for resolving claims in a more efficient, timely, and equitable manner, but stated that a lack of data prevented them from making specific recommendations. They indicated that "reasonable and correct" regulation of the professional liability insurance industry should be supervised by the insurance commissioners of the various states.

This GAO report will be perused by various legislative bodies. It should, therefore, be reviewed by health care providers, for without our input, the result may be change rather than progress.

This report is available from:

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P.O. Box 6015
Gaithersburg, MD 20877

Walter S. Feldman, M.D., J.D., FCLM
6500 Racquet Wood Court
Charlotte 28226

On care of the elderly in Great Britain

To the Editor:

I have just returned from a trip to Great Britain to see how those folk take care of their elderly (they proportionately have more of these folks than we do, and might give us some ideas for the future). It was heartening to see the extensive out-of-hospital community supports which are in place which greatly exceed what we have, and which because of the National Health Service, are available to all — regardless of means.

It was less heartening to appreciate the tensions placed on the system by the political decision to "cut back" on health expenditures (which are so remarkably less than ours). This decision to "cut back" despite the fact that the hospitals are struggling still to become "up to date" has limited the amount of technology accessible to the physicians for their patients. The political pressures of special problems

(such as long waits in some areas for access to hip replacement surgery) has led to the application of the universal panacea — more money to buy more orthopedic work — but one gets the feeling this is a reaction — not an action. There is certainly an appreciable difference in the amount of technical work done in the medical care process especially in the hospital setting. The level of medical “care,” however, more than offset this, and there was *no* difference in treatment of a patient because of age.

The “cut backs” are altering patterns of hospital care for everyone with reduced acute stay, etc. The broad community primary care system, however, provides a “safety net” for all. This we are sorely lacking.

There are problems in medicine everywhere.

James A. Bryan II, M.D.

University of North Carolina School of Medicine
Division of General Medicine and Clinical Epidemiology
Chapel Hill 27514

On insurance for the practice of occupational medicine

To the Editor:

After five years of malpractice insurance coverage by St. Paul's and a spotless record, I was notified by them that they would not renew my policy. They stated that this was based upon a nationwide decision to no longer provide coverage to physicians in the practice of occupational medicine. I, of course, was shocked. However, I now realize that I should not have been, in view of the previous behavior of this company in North Carolina and Florida.

Fortunately, I was able to obtain coverage from Medical Mutual of North Carolina. Their staff has spent considerable time and effort to meet my particular needs. Furthermore, I have direct access to their underwriters and did not have to rely upon everything being transmitted by letter through an agent, as was the case previously. For their peace of mind, North Carolina physicians would be well served to support and use this fine company which is really concerned about the welfare of physicians.

Harold R. Imbus, M.D., Sc.D.
Health & Hygiene, Inc.
4605-E Dundas Drive
Greensboro 27407

A comment on Dr. Gutman's article

To the Editor:

I write in response to the editorial, *Physicians and Providers*, by Dr. Robert A. Gutman in the September 1987 issue of the North Carolina Medical Journal (NCMJ 48:445). Dr. Gutman's stimulus for the piece was the use of the term “provider” as a self descriptor by an M.D. colleague. I can understand his negative reaction to the term. I too find it unattractive and cold.

If he had stopped there, I would have had no reason to respond, but he proceeds to construct a kind of straw man in which there are two kinds of practitioners: “providers” who are associated with society as a whole, well people, and enrollees in capitated health plans, and “physicians”

who are associated with the “truly sick.” The following amazing question, relating to the former group, follows: “Having spent most of his time caring for the herd of well people and their concerns, and their need for prophylaxis, for immunization, for education, for dietary counseling, for advice on exercise, is he now prepared to be also a physician — prepared either emotionally or educationally?”

I would submit that physicians have successfully straddled that line for centuries, and continue to do so. Dr. Gutman concedes that pediatricians have done so. The general internist and family physician have also done so with distinction. Caring for the “herd of well people” is the highest level of service that a *physician* can provide, and I hope that none will be fooled into thinking that Dr. Gutman's straw man is real!

E. Harvey Estes, Jr., M.D.

Chief, Division of Family Medicine
Director, Duke-Watts Family Medicine Program
P.O. Box 3886
Durham 27710

The long arm of the Editor

To the Editor:

I must tell you about a dream that I had in Scotland: I have already told Ms. Ferejohn about this. During August Mrs. Blythe and I were on vacation in Morar, Scotland, a remote village in Western Scotland. I was having a wonderful time. On the night of August 10th, I had the following dream:

The telephone rings: a serious Steadian voice belonging to Dr. Stead says, “Bill, I need some manuscripts for Learning Experiences from UNC. Why haven't you sent me any?” Blythe — “Dr. Stead I have sent several over to Ms. Ferejohn — perhaps you need to speak to her.” Stead — “It was our impression that these were not submitted as manuscripts for Learning Experiences from UNC.” Blythe — “Well gosh they were sent for that reason.” Stead — “Bill, I think you better get busy and send me some more manuscripts.”

I awoke in a cold sweat and was delighted to realize that I had sent several manuscripts for “Learning Experiences from UNC” and that in fact I was in Scotland and having a wonderful time. The long arm of Eugene Stead is perhaps longer than you realize.

With highest personal regards.

William B. Blythe, M.D.

Professor of Medicine
University of North Carolina School of Medicine
Old Clinic Building 226 H
Chapel Hill 27514

On “Should homeopathy be reconsidered?” (Crellin JK. NCMJ 1987;48:447-50)

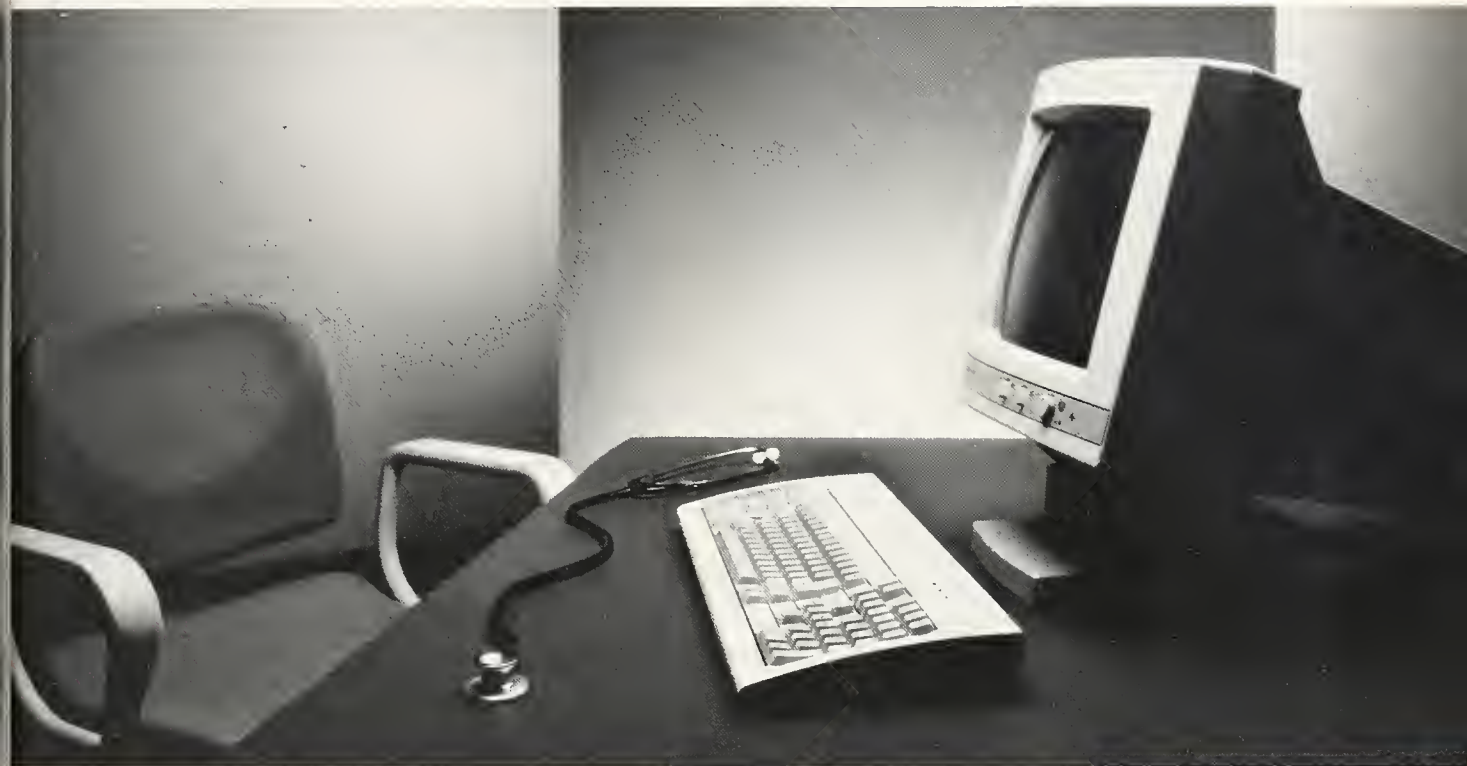
To the Editor:

How about leeches, moxibustion, and cupping? Get real.

William B. Hunt, M.D.

P.O. Box 2157
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Wynne Vaughan, office manager, Capital Pediatric and Adolescent Center, P.A., Raleigh, North Carolina

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Tessa Horne, administrator, Morgantown Ear, Nose & Throat Clinic, Morgantown, West Virginia

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In Memoriam

Donald Lewis Croutcher, M.D.

Don Croutcher was born in Berea, Kentucky on June 11, 1939. He attended Berea College. He received his medical school education at the University of Kentucky in 1966 and served a Mixed Internship at Baptist Memorial Hospital in Memphis, Tennessee from 1966-1967. He began his Radiology Residency at the University of West Virginia 1967-1969, followed by further training at the Ochsner Clinic in New Orleans in 1971-1972. In the interim he served in the United States Air force from 1969-1971.

Don became Certified by the American Board of Radiology and Diagnostic Radiology in 1972 and was Certified by the American Board of Nuclear Medicine in 1975. He practiced in a group practice in Dothan, Alabama from 1972 to 1976 where he established and headed a very active Nuclear Medicine Department. In 1976 he moved to Clinton, North Carolina, where he practiced Radiology at Sampson County Memorial Hospital. He established and headed the Nuclear Medicine Division of Radiology while at Sampson Memorial Hospital, and he was active in the Medical Staff, serving as Medical Staff President and on numerous committees as well. He also served as Chairman of the Department of Radiology for a number of years. He was a member of the Board of Directors of PSRO of Eastern North Carolina.

Publications included "Carotid Artery Injury Produced by Blunt Neck Trauma" in the Southern Medical Journal: Volume 68, March, 1975. He also was a member of the Royal Medical Society in England, and he attended a Nu-

clear Medicine Symposium in London sponsored at the Royal Medical Society.

He died on June 4, 1987.

John L. Rouse, III, M.D.
Secretary
Sampson County Medical Society

Caroline Hollingsworth Callison, M.D., M.P.H.

Caroline Callison was born in Charleston, South Carolina, August 20, 1914. Her undergraduate work was at Coker College where she received a B.S. Degree in 1936. She graduated from Medical College of South Carolina with an M.D. Degree in 1939, and received her Masters Degree in Public Health in 1947 from the University of South Carolina at Columbia. She served an internship at Roper Hospital. Dr. Callison was a health officer in Alabama, South Carolina, and Maryland for approximately 20 years. Finally in 1961 she came to North Carolina and spent her final 16 years as a health director in Sampson and Bladen Counties.

Her interests included fishing, and she played an active role in the Episcopal Church in Clinton. She developed a multiphasic clinic while Director of Sampson County Health Department. She served as President of the North Carolina Academy of Preventive Medicine and Public Health in 1968-1969. In 1972-1973 she was President of the North Carolina Conference of Health Directors.

She died on June 17, 1986.

John L. Rouse, III, M.D.
Secretary
Sampson County Medical Society

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November 13

Pediatric Rehabilitation
Place: Greenville
Credit: 6 to 7 hours Category 1 AMA
Info: Mary C. Valand, MSW, ACSW, Office of CME, ECU, P.O. Box 7224, Greenville 27835-7224. 919/551-5200

December 1

1987 Series — Duke Tuesday
Place: Durham
Credit: 5 hours Category 1 AMA
Info: Cindi Easterling, Office of CME, Box 3108 DUMC, Durham 27710. 919/684-6878

December 5

Special Ophthalmology Grand Rounds
Place: Durham
Credit: 3 hours Category 1 AMA
Info: Cindi Easterling, Office of CME, Box 3108 DUMC, Durham 27710, 919/684-6878

December 5

University of North Carolina
Ophthalmology Resident's Day
Place: Chapel Hill
Credit: 6 hours Category 1 AMA
Fee: none
Info: Baird S. Grimson, M.D., Dept. of Ophthalmology, 617 Clinical Sciences Bldg. 229H, University of North Carolina at Chapel Hill, Chapel Hill 27514

December 13-16

Small Group and Lecture Skills
Place: Rougemont
Credit: 20 hours Category 1 AMA, AAFP
Info: Cindi Easterling, Office of CME, Box 3108 DUMC, Durham 27710. 919/684-6878

January 11-15

Diagnostic Ultrasound (physicians and non-physicians)
Place: Winston-Salem
Credit: 7 hours/day Category 1 AMA
Info: Registrar, Ultrasound Center, Bowman Gray School of Medicine, 300 S. Hawthorne Rd., Winston-Salem 27103. 919/748-4505

January 18-22

Diagnostic Ultrasound
(See January 11-15 for information)

January 24-27

Skills for Curriculum Design and Negotiation
Place: Rougemont
Credit: 20 hours Category 1 AMA
Info: Cindi Easterling, Office of CME, Box 3108 DUMC, Durham 27710. 919/684-6878

January 25-29

Diagnostic Ultrasound
(See January 11-15 for information)

January 29

Neurology for the Primary Care Practitioner: Stroke
Place: Greenville
Credit: 6 to 7 hours Category 1 AMA
Info: Mary C. Valand, MSW, ACSW, Office of CME, ECU, P.O. Box 7224, Greenville 27835-7224. 919/551-5200

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Almost equal diuretic response occurs after oral and parenteral administration of Bumex. If impaired gastrointestinal absorption is suspected or oral administration is not practical, Bumex should be given by the intramuscular or intravenous route.

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CONTRAINDICATIONS: Anuria. Hypersensitivity and in patients in hepatic coma or in states of severe electrolyte depletion. Although Bumex can be used to induce diuresis in renal insufficiency, any marked increase in blood urea nitrogen or creatinine, or the development of oliguria during therapy of patients with progressive renal disease, is an indication for discontinuation of treatment.

WARNINGS: Dose should be adjusted to patient's needs. Excessive doses or too frequent administration can lead to profound water loss, electrolyte depletion, dehydration, reduction in blood volume and circulatory collapse with the possibility of vascular thrombosis and embolism, particularly in elderly patients.

Prevention of hypokalemia requires particular attention in patients receiving digitalis and diuretics for congestive heart failure, hepatic cirrhosis and ascites, states of aldosterone excess with normal renal function, potassium-losing nephropathy, certain diarrheal states, or other states where hypokalemia is thought to represent particular added risk to the patients.

In patients with hepatic cirrhosis and ascites, sudden alterations of electrolyte balance may precipitate hepatic encephalopathy and coma. Treatment in such patients is best initiated in the hospital with small doses and careful monitoring of the patient's clinical status and electrolyte balance. Supplemental potassium and/or spironolactone may prevent hypokalemia and metabolic alkalosis in these patients. In cats, dogs and guinea pigs, Bumex has been shown to produce ototoxicity. Since Bumex is about 40 to 60 times as potent as furosemide, it is anticipated that blood levels necessary to produce ototoxicity will rarely be achieved. The potential for ototoxicity increases with intravenous therapy, especially at high doses.

Patients allergic to sulfonamides may show hypersensitivity to Bumex.

PRECAUTIONS: Measure serum potassium periodically and add potassium supplements or potassium-sparing diuretics, if necessary. Periodic determinations of other electrolytes are advised in patients treated with high doses or for prolonged periods, particularly in those on low salt diets.

Hyperurcemia may occur. Reversible elevations of the BUN and creatinine may occur, especially with dehydration and in patients with renal insufficiency. Bumex may increase urinary calcium excretion. Possibility of effect on glucose metabolism exists. Periodic determinations of blood sugar should be done, particularly in patients with diabetes or suspected latent diabetes. Patients should be observed regularly for possible occurrence of blood dyscrasias, liver damage or idiosyncratic reactions.

Especially in presence of impaired renal function, use of parenterally administered Bumex should be avoided in patients to whom aminoglycoside antibiotics are also being given, except in life-threatening conditions.

Drugs with nephrotoxic potential and bumetanide should not be administered simultaneously. Since lithium reduces renal clearance and adds a high risk of lithium toxicity, it should not be given with diuretics.

Probenecid should not be administered concurrently with Bumex.

Concurrent therapy with indomethacin not recommended.

Bumex may potentiate the effects of antihypertensive drugs, necessitating reduction in dosage.

Interaction studies in humans have shown no effect on digoxin blood levels.

Interaction studies in humans have shown Bumex to have no effect on warfarin metabolism or on plasma prothrombin activity.

Pregnancy: Bumex should be given to a pregnant woman only if the potential benefit justifies the potential risk to the fetus.

Bumetanide may be excreted in breast milk.

Pediatric Use: Safety and effectiveness below age 18 not established.

ADVERSE REACTIONS: Muscle cramps, dizziness, hypotension, headache and nausea, and encephalopathy (in patients with preexisting liver disease).

Less frequent clinical adverse reactions are weakness, impaired hearing, rash, pruritus, hives, electrocardiogram changes, abdominal pain, arthritic pain, musculoskeletal pain and vomiting.

Other clinical adverse reactions are vertigo, chest pain, ear discomfort, fatigue, dehydration, sweating, hyperventilation, dry mouth, upset stomach, renal failure, asterixis, itching, nipple tenderness, diarrhea, premature ejaculation and difficulty maintaining an erection.

Laboratory abnormalities reported are hyperurcemia, azotemia, hyperglycemia, increased serum creatinine, hypochloremia, hypokalemia, hyponatremia, and variations in CO₂ content, bicarbonate, phosphorus and calcium. Although manifestations of the pharmacologic action of Bumex, these conditions may become more pronounced by intensive therapy.

Diuresis induced by Bumex may also rarely be accompanied by changes in LDH, total serum bilirubin, serum proteins, SGOT, SGPT, alkaline phosphatase, cholesterol, creatinine clearance, deviations in hemoglobin, prothrombin time, hematocrit, platelet counts and differential counts. Increases in urinary glucose and urinary protein have also been seen.

DOSAGE AND ADMINISTRATION:

Oral Administration: The usual total daily dosage is 0.5 to 2.0 mg and in most patients is given as a single dose.

Parenteral Administration: Administer to patients (IV or IM) with GI absorption problem or who cannot take oral. The usual initial dose is 0.5 to 1 mg given over 1 to 2 minutes. If insufficient response, a second or third dose may be given at 2 to 3 hour intervals up to a maximum of 10 mg a day.

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December 1987
Volume 48
Number 12

North Carolina Medical Journal

For Doctors and their Patients

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For Doctors and their Patients

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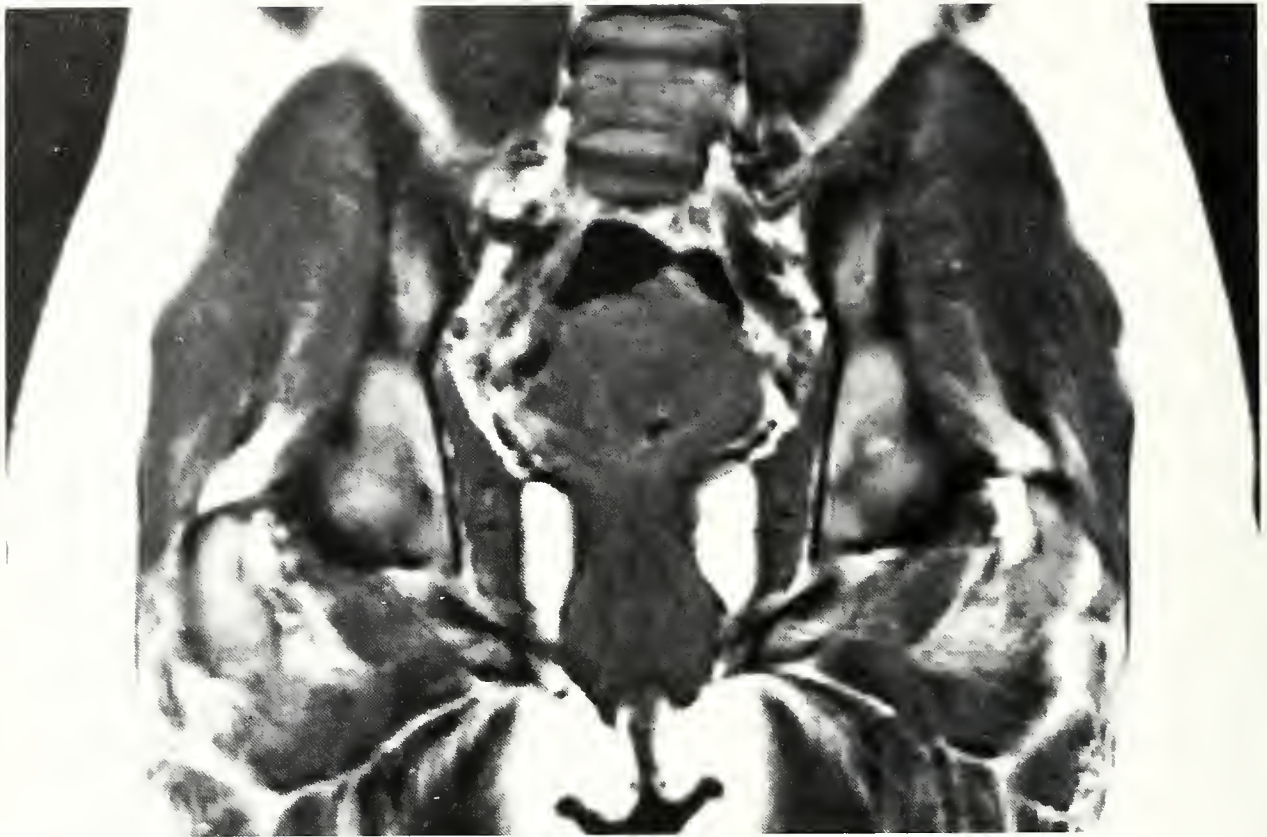
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Contraindications: Concomitant use with other potassium-sparing agents such as spironolactone or amiloride. Further use in anuria, progressive renal or hepatic dysfunction, hyperkalemia. Pre-existing elevated serum potassium. Hypersensitivity to either component or other sulfonamide-derived drugs.

Warnings: Do not use potassium supplements, dietary or otherwise, unless hypokalemia develops or dietary intake of potassium is markedly impaired. If supplementary potassium is needed, potassium tablets should not be used. Hyperkalemia can occur, and has been associated with cardiac irregularities. It is more likely in the severely ill, with urine volume less than one liter/day, the elderly and diabetics with suspected or confirmed renal insufficiency. Periodically, serum K⁺ levels should be determined. If hyperkalemia develops, substitute a thiazide alone, restrict K⁺ intake. Associated widened QRS complex or arrhythmia requires prompt additional therapy. Thiazides cross the placental barrier and appear in cord blood. Use in pregnancy requires weighing anticipated benefits against possible hazards, including fetal or neonatal jaundice, thrombocytopenia, other adverse reactions seen in adults. Thiazides appear and triamterene may appear in breast milk. If their use is essential, the patient should stop nursing. Adequate information on use in children is not available. Sensitivity reactions may occur in patients with or without a history of allergy or bronchial asthma. Possible exacerbation or activation of systemic lupus erythematosus has been reported with thiazide diuretics.

Precautions: The bioavailability of the hydrochlorothiazide component of 'Dyazide' is about 50% of the bioavailability of the single entity. Theoretically, a patient transferred from the single entities of triamterene and hydrochlorothiazide may show an increase in blood pressure or fluid retention. Similarly, it is also possible that the lesser hydrochlorothiazide bioavailability could lead to increased serum potassium levels. However, extensive clinical experience with 'Dyazide' suggests that these conditions have not been commonly observed in clinical practice. Angiotensin-converting enzyme (ACE) inhibitors can elevate serum potassium; use with caution with 'Dyazide'. Do periodic serum electrolyte determinations (particularly important in patients vomiting excessively or receiving parenteral fluids, and during concurrent use with amphotericin B or corticosteroids or corticotropin [ACTH]). Periodic BUN and serum creatinine determinations should be made, especially in the elderly, diabetics or those with suspected or confirmed renal insufficiency. Cumulative effects of the drug may develop in patients with impaired renal function. Thiazides should be used with caution in patients with impaired hepatic function. They can precipitate coma in patients with severe liver disease. Observe regularly for possible blood dyscrasias, liver damage, other idiosyncratic reactions. Blood dyscrasias have been reported in patients receiving triamterene, and leukopenia, thrombocytopenia, agranulocytosis, and aplastic and hemolytic anemia have been reported with thiazides. Thiazides may cause manifestation of latent diabetes mellitus. The effects of oral anticoagulants may be decreased when used concurrently with hydrochlorothiazide; dosage adjustments may be necessary. Clinically insignificant reductions in arterial responsiveness to norepinephrine have been reported. Thiazides have also been shown to increase the paralyzing effect of nondepolarizing muscle relaxants such as tubocurarine. Triamterene is a weak folic acid antagonist. Do periodic blood studies in cirrhotics with splenomegaly. Antihypertensive effects may be enhanced in post-sympathectomy patients. Use cautiously in surgical patients. Triamterene has been found in renal stones in association with the other usual calculus components. Therefore, 'Dyazide' should be used with caution in patients with histories of stone formation. A few occurrences of acute renal failure have been reported in patients on 'Dyazide' when treated with indomethacin. Therefore, caution is advised in administering nonsteroidal anti-inflammatory agents with 'Dyazide'. The following may occur: transient elevated BUN or creatinine or both, hyperglycemia and glycosuria (diabetic insulin requirements may be altered), hyperuricemia and gout, digitalis intoxication (in hypokalemia), decreasing alkali reserve with possible metabolic acidosis. 'Dyazide' interferes with fluorescent measurement of quinidine. Hypokalemia is uncommon with 'Dyazide', but should it develop, corrective measures should be taken such as potassium supplementation or increased dietary intake of potassium-rich foods. Corrective measures should be instituted cautiously and serum potassium levels determined. Discontinue corrective measures and 'Dyazide' should laboratory values reveal elevated serum potassium. Chloride deficit may occur as well as dilutional hyponatremia. Concurrent use with chlorpropamide may increase the risk of severe hyponatremia. Serum PBI levels may decrease without signs of thyroid disturbance. Calcium excretion is decreased by thiazides. 'Dyazide' should be withdrawn before conducting tests for parathyroid function. Thiazides may add to or potentiate the action of other anti-hypertensive drugs. Diuretics reduce renal clearance of lithium and increase the risk of lithium toxicity.

Adverse Reactions: Muscle cramps, weakness, dizziness, headache, dry mouth, anaphylaxis, rash, urticaria, photosensitivity, purpura, other dermatological conditions, nausea and vomiting, diarrhea, constipation, other gastrointestinal disturbances, postural hypotension (may be aggravated by alcohol, barbiturates, or narcotics). Necrotizing vasculitis, paresthesias, icterus, pancreatitis, xanthopsia and respiratory distress including pneumonitis and pulmonary edema, transient blurred vision, sialadenitis, and vertigo have occurred with thiazides alone. Triamterene has been found in renal stones in association with other usual calculus components. Rare incidents of acute interstitial nephritis have been reported. Impotence has been reported in a few patients on 'Dyazide', although a causal relationship has not been established.

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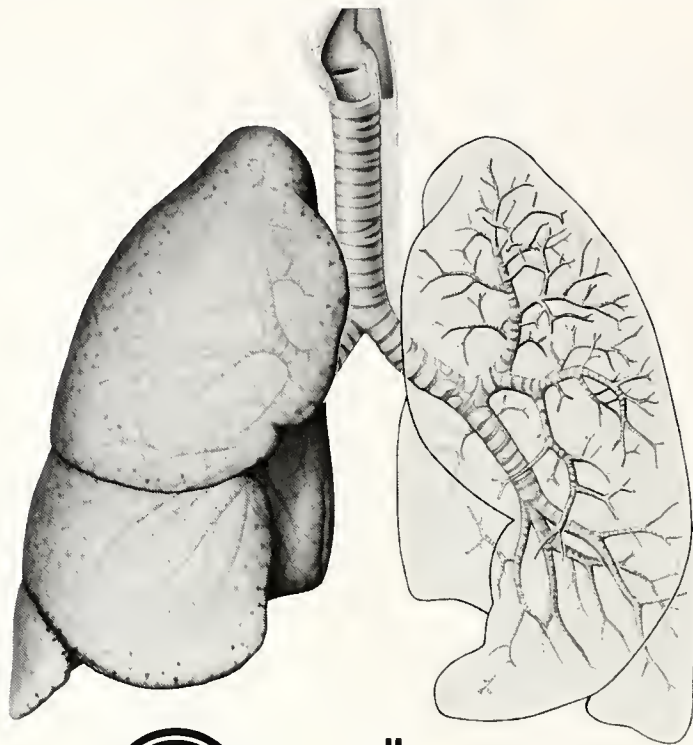
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Contraindication:
Known allergy to cephalosporins.

Warnings:
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Administer cautiously to allergic patients. Pseudomembranous colitis has been reported with virtually all broad-spectrum antibiotics. It must be considered in differential diagnosis of antibiotic-associated diarrhea. Colon flora is altered by broad-spectrum antibiotic treatment, possibly resulting in antibiotic-associated colitis.

Precautions:

- Discontinue Ceclor in the event of allergic reactions to it.
- Prolonged use may result in overgrowth of nonsusceptible organisms.
- Positive direct Coombs' tests have been reported during treatment with cephalosporins.
- Ceclor should be administered with caution in the presence of markedly impaired renal function. Although dosage adjustments in moderate to severe renal impairment are usually not required, careful clinical observation and laboratory studies should be made.
- Broad-spectrum antibiotics should be prescribed with caution in individuals with a history of gastrointestinal disease, particularly colitis.
- Safety and effectiveness have not been determined in pregnancy, lactation, and infants less than one month old. Ceclor penetrates mother's milk. Exercise caution in prescribing for these patients.

Adverse Reactions: (percentage of patients)
Therapy-related adverse reactions are uncommon. Those reported include:

- Gastrointestinal (mostly diarrhea): 2.5%.
- Symptoms of pseudomembranous colitis may appear either during or after antibiotic treatment.
- Hypersensitivity reactions (including morbilliform eruptions, pruritus, urticaria, and serum-sickness-like reactions that have included erythema multiforme [rarely, Stevens-Johnson syndrome] or the above skin manifestations accompanied by arthritis/arthralgia and, frequently, fever): 1.5%; usually subside within a few days after cessation of therapy. Serum-sickness-like reactions have been reported more frequently in children than in adults and have usually occurred during or following a second course of therapy with Ceclor. No serious sequelae have been reported. Antihistamines and corticosteroids appear to enhance resolution of the syndrome.
- Cases of anaphylaxis have been reported, half of which have occurred in patients with a history of penicillin allergy.
- As with some penicillins and some other cephalosporins, transient hepatitis and cholestatic jaundice have been reported rarely.
- Rarely, reversible hyperactivity, nerv-

ousness, insomnia, confusion, hypertonia, dizziness, and somnolence have been reported. • Other: eosinophilia, 2%; genital pruritus or vaginitis, less than 1%; and, rarely, thrombocytopenia.


Abnormalities in laboratory results of uncertain etiology

- Slight elevations in hepatic enzymes.
- Transient fluctuations in leukocyte count (especially in infants and children).
- Abnormal urinalysis; elevations in BUN or serum creatinine.
- Positive direct Coombs' test.
- False-positive tests for urinary glucose with Benedict's or Fehling's solution and Clinistest[®] tablets but not with Tes-Tape[®] (glucose enzymatic test strip, Lilly).

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 Additional information available to the profession on request from Eli Lilly and Company, Indianapolis, Indiana 46285.
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A woman with dark hair, wearing an orange button-down shirt and dark pants, sits alone at a small white metal table in a cafe. She is looking down with a somber expression. The cafe has many similar empty tables and white metal chairs with heart-shaped backs. The background is a dark, textured wall.

"Living in the city
is lonely enough...
with herpes it's like
solitary confinement."

ZOVIRAX[®] (acyclovir) CAPSULES

Prevent genital herpes
recurrences
month after month with
daily therapy.

(In controlled studies, recurrences were
totally prevented for 4 to 6 months in up to
75% of patients.)

Please see last page of this advertisement for

ZOVIRAX[®] **(acyclovir)** **CAPSULES**

**Help free your
patients from
recurrences.**

Daily therapy

Coping with genital herpes is rarely easy. For some, the worst part is the pain and discomfort of frequent attacks — month after month, year after year. For others, the emotional burden presents a more difficult problem, leading to social isolation, anxiety, and diminished self-esteem.

Prevent or reduce recurrences

Although your patients have to live with herpes, they shouldn't have to suffer. Daily therapy with ZOVIRAX CAPSULES can help free them from the cycle of recurrent genital herpes. For many, one capsule three times a day can suppress recurrences completely while on therapy.

Generally well tolerated

Daily therapy with ZOVIRAX CAPSULES is generally well tolerated. The most frequent adverse reactions reported during clinical trials were headache, diarrhea, nausea/vomiting, vertigo, and arthralgia.

The physical and emotional difficulties posed by genital herpes are unique for each patient. The frequency and severity of recurrent episodes, as well as the emotional impact of the disease, should be considered when selecting daily therapy with ZOVIRAX CAPSULES.

*Please see brief summary of
prescribing information on next page.*



Prevent recurrences month after month*

ZOVIRAX® (acyclovir) CAPSULES

Brief Summary

INDICATIONS AND USAGE: Zovirax Capsules are indicated for the treatment of initial episodes and the management of recurrent episodes of genital herpes in certain patients.

The severity of disease is variable depending upon the immune status of the patient, the frequency and duration of episodes, and the degree of cutaneous or systemic involvement. These factors should determine patient management, which may include symptomatic support and counseling only, or the institution of specific therapy. The physical, emotional and psycho-social difficulties posed by herpes infections as well as the degree of debilitation, particularly in immunocompromised patients, are unique for each patient, and the physician should determine therapeutic alternatives based on his or her understanding of the individual patient's needs. Thus Zovirax Capsules are not appropriate in treating all genital herpes infections. The following guidelines may be useful in weighing the benefit/risk considerations in specific disease categories:

First Episodes (primary and nonprimary infections—commonly known as initial genital herpes):

Double-blind, placebo-controlled studies have demonstrated that orally administered Zovirax significantly reduced the duration of acute infection (detection of virus in lesions by tissue culture) and lesion healing. The duration of pain and new lesion formation was decreased in some patient groups. The promptness of initiation of therapy and/or the patient's prior exposure to Herpes simplex virus may influence the degree of benefit from therapy. Patients with mild disease may derive less benefit than those with more severe episodes. In patients with extremely severe episodes, in which prostration, central nervous system involvement, urinary retention or inability to take oral medication require hospitalization and more aggressive management, therapy may be best initiated with intravenous Zovirax.

Recurrent Episodes:

Double-blind, placebo-controlled studies in patients with frequent recurrences (6 or more episodes per year) have shown that Zovirax Capsules given for 4 to 6 months prevented or reduced the frequency and/or severity of recurrences in greater than 95% of patients. Clinical recurrences were prevented in 40 to 75% of patients. Some patients experienced increased severity of the first episode following cessation of therapy; the severity of subsequent episodes and the effect on the natural history of the disease are still under study.

The safety and efficacy of orally administered acyclovir in the suppression of frequent episodes of genital herpes have been established only for up to 6 months. Chronic suppressive therapy is most appropriate when, in the judgement of the physician, the benefits of such a regimen outweigh known or potential adverse effects. In general, Zovirax Capsules should not be used for the suppression of recurrent disease in mildly affected patients. Unanswered questions concerning the human relevance of *in vitro* mutagenicity studies and reproductive toxicity studies in animals given very high doses of acyclovir for short periods (see Carcinogenesis, Mutagenesis, Impairment of Fertility) should be borne in mind when designing long-term management for individual patients. Discussion of these issues with patients will provide them the opportunity to weigh the potential for toxicity against the severity of their disease. Thus, this regimen should be considered only for appropriate patients and only for six months until the results of ongoing studies allow a more precise evaluation of the benefit/risk assessment of prolonged therapy.

Limited studies have shown that there are certain patients for whom intermittent short-term treatment of recurrent episodes is effective. This approach may be more appropriate than a suppressive regimen in patients with infrequent recurrences.

Immunocompromised patients with recurrent herpes infections can be treated with either intermittent or chronic suppressive therapy. Clinically significant resistance, although rare, is more likely to be seen with prolonged or repeated therapy in severely immunocompromised patients with active lesions.

CONTRAINDICATIONS: Zovirax Capsules are contraindicated for patients who develop hypersensitivity or intolerance to the components of the formulation.

WARNINGS: Zovirax Capsules are intended for oral ingestion only.

PRECAUTIONS: General: Zovirax has caused decreased spermatogenesis at high doses in some animals and mutagenesis in some acute studies at high concentrations of drug (see PRECAUTIONS—Carcinogenesis, Mutagenesis, Impairment of Fertility). The recommended dosage and length of treatment should not be exceeded (see DOSAGE AND ADMINISTRATION).

Exposure of Herpes simplex isolates to acyclovir *in vitro* can lead to the emergence of less sensitive viruses. The possibility of the appearance of less sensitive viruses in man must be borne in mind when treating patients. The relationship between the *in vitro* sensitivity of Herpes simplex virus to acyclovir and clinical response to therapy has yet to be established.

Because of the possibility that less sensitive virus may be selected in patients who are receiving acyclovir, all patients should be advised to take particular care to avoid potential transmission of virus if active lesions are present while they are on therapy. In severely immunocompromised patients, the physician should be aware that prolonged or repeated courses of acyclovir may result in selection of resistant viruses which may not fully respond to continued acyclovir therapy.

Drug Interactions: Co-administration of probenecid with intravenous acyclovir has been shown to increase the mean half-life and the area under the concentration-time curve. Urinary excretion and renal clearance were correspondingly reduced.

Carcinogenesis, Mutagenesis, Impairment of Fertility: Acyclovir was tested in lifetime bioassays in rats and mice at single daily doses of 50, 150 and 450 mg/kg given by gavage. There was no statistically significant difference in the incidence of tumors between treated and control animals, nor did acyclovir shorten the latency of tumors. In 2 *in vitro* cell transformation assays, used to provide preliminary assessment of potential oncogenicity in advance of these more definitive life-time bioassays in rodents, conflicting results were obtained. Acyclovir was positive at the highest dose used in one system and the resulting morphologically transformed cells formed tumors when inoculated into immunosuppressed, syngeneic, weanling mice. Acyclovir was negative in another transformation system considered less sensitive.

In acute studies, there was an increase, not statistically significant, in the incidence of chromosomal damage at maximum tolerated parenteral doses of 100 mg/kg acyclovir in rats but not Chinese hamsters; higher doses of 500 and 1000 mg/kg were clastogenic in Chinese hamsters. In addition, no activity was found after 5 days dosing in a dominant lethal study in mice. In 6 of 11 microbial and mammalian cell assays, no evidence of mutagenicity was observed. At 3 loci in a Chinese hamster ovary cell line, the results were inconclusive. In 2 mammalian cell assays (human lymphocytes and L5178Y mouse lymphoma cells *in vitro*), positive responses for mutagenicity and chromosomal damage occurred, but only at concentrations at least 400 times the acyclovir plasma levels achieved in man.

Acyclovir has not been shown to impair fertility or reproduction in mice (450 mg/kg/day, p.o.) or in rats (25 mg/kg/day, s.c.). At 50 mg/kg/day s.c. in the rat, there was a statistically significant increase in post-implantation loss, but no concomitant decrease in litter size. In female rabbits treated subcutaneously with acyclovir subsequent to mating, there was a statistically significant decrease in implantation efficiency but no concomitant decrease in litter size at a dose of 50 mg/kg/day. No effect upon implantation efficiency was observed when the same dose was administered intravenously. In a rat peri- and postnatal study at 50 mg/kg/day s.c., there was a statistically significant decrease in the group mean numbers of corpora lutea, total implantation sites and live fetuses in the F₁ generation. Although not statistically significant, there was also a dose related decrease in group mean numbers of live fetuses and implantation sites at 12.5 mg/kg/day and 25 mg/kg/day, s.c. The intravenous administration of 100 mg/kg/day, a dose known to cause obstructive nephropathy in rabbits, caused a significant increase in fetal resorptions and a corresponding decrease in litter size. However, at a

maximum tolerated intravenous dose of 50 mg/kg/day in rabbits, there were no drug-related reproductive effects.

Intraperitoneal doses of 320 or 80 mg/kg/day acyclovir given to rats for 1 and 6 months, respectively, caused testicular atrophy. Testicular atrophy was persistent through the 4-week postdose recovery phase after 320 mg/kg/day; some evidence of recovery of sperm production was evident 30 days post-dose. Intravenous doses of 100 and 200 mg/kg/day acyclovir given to dogs for 31 days caused aspermato-genesis. Testicles were normal in dogs given 50 mg/kg/day, i.v. for one month.

Pregnancy: Teratogenic Effects: Pregnancy Category C. Acyclovir was not teratogenic in the mouse (450 mg/kg/day, p.o.), rat (50 mg/kg/day, s.c.) or rabbit (50 mg/kg/day, s.c. and i.v.). There are no adequate and well-controlled studies in pregnant women. Acyclovir should not be used during pregnancy unless the potential benefit justifies the potential risk to the fetus. Although acyclovir was not teratogenic in animal studies, the drug's potential for causing chromosome breaks at high concentration should be taken into consideration in making this determination.

Nursing Mothers: It is not known whether this drug is excreted in human milk. Because many drugs are excreted in human milk, caution should be exercised when Zovirax is administered to a nursing woman. In nursing mothers, consideration should be given to not using acyclovir treatment or discontinuing breastfeeding.

Pediatric Use: Safety and effectiveness in children have not been established.

ADVERSE REACTIONS—Short-Term Administration: The most frequent adverse reactions reported during clinical trials were nausea and/or vomiting in 8 of 298 patient treatments (2.7%) and headache in 2 of 298 (0.6%). Less frequent adverse reactions, each of which occurred in 1 of 298 patient treatments (0.3%), included diarrhea, dizziness, anorexia, fatigue, edema, skin rash, leg pain, inguinal adenopathy, medication taste and sore throat.

Long-Term Administration: The most frequent adverse reactions reported in studies of daily therapy for 3 to 6 months were headache in 33 of 251 patients (13.1%), diarrhea in 22 of 251 (8.8%), nausea and/or vomiting in 20 of 251 (8.0%), vertigo in 9 of 251 (3.6%), and arthralgia in 9 of 251 (3.6%). Less frequent adverse reactions, each of which occurred in less than 3% of the 251 patients (see number of patients in parentheses), included skin rash (7), insomnia (4), fatigue (7), fever (4), palpitations (1), sore throat (2), superficial thrombophlebitis (1), muscle cramps (2), paronychia (1), menstrual abnormality (4), acne (3), lymphadenopathy (2), irritability (1), accelerated hair loss (1), and depression (1).

DOSAGE AND ADMINISTRATION: Treatment of initial genital herpes: One 200 mg capsule every 4 hours, while awake, for a total of 5 capsules daily for 10 days (total 50 capsules).

Chronic suppressive therapy for recurrent disease: One 200 mg capsule 3 times daily for up to 6 months. Some patients may require more drug, up to one 200 mg capsule 5 times daily for up to 6 months.

Intermittent Therapy: One 200 mg capsule every 4 hours, while awake, for a total of 5 capsules daily for 5 days (total 25 capsules). Therapy should be initiated at the earliest sign or symptom (prodrome) of recurrence.

Patients With Acute or Chronic Renal Impairment: One 200 mg capsule every 12 hours is recommended for patients with creatinine clearance ≤ 10 ml/min/1.73 m².

HOW SUPPLIED: Zovirax Capsules (blue, opaque) containing 200 mg acyclovir and printed with "Wellcome ZOVIRAX 200" - Bottles of 100 (NDC-0081-0991-55) and unit dose pack of 100 (NDC-0081-0991-56).

Store at 15°-30°C (59°-86°F) and protect from light.

*In controlled studies, recurrences were totally prevented for 4 to 6 months in up to 75% of patients.

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Pneumocystis Carinii in the AIDS Patient

Nancy G. Henshaw, M.P.H., Ph.D.

Pneumocystis carinii is the most important opportunistic infection occurring in patients with AIDS.¹ In fact, pneumocystosis is the index diagnosis for one-half of all AIDS patients, and occurs in 80-85% of patients during the course of the disease.² *P. carinii* is the most common organism found in the lungs of AIDS patients, accounting for about 90% of all lung infections.³ Other lung pathogens are present simultaneously in about one-third of cases.³

P. carinii is thought to be a ubiquitous saprophyte in nature, and of worldwide distribution. It maintains itself in the immunocompetent populations but causes clinical disease only in the immunosuppressed. The organism is a unicellular eukaryote and classified most often with the protozoa. It has two major forms: a vegetative form, the trophozoite; and a thick walled form, the cyst.

Trophozoites are very irregular in shape with numerous lobes and tubular extensions or filopodia (figure 1). These forms are 1-5µm in size, containing one nucleus with a single or double membrane which is often poorly defined, a nucleolus, a few mitochondria with poorly developed lamellar cristae, loose endoplasmic reticulum, free ribosomes, glycogen granules, and vacuolar spaces limited by thin fragments of membrane.

The cysts measure 5-7µm in diameter and have a thick trilayered cell wall (figure 1). There is a maximum of eight intracystic bodies formed inside a cyst. Each intracystic body has a nucleus, mitochondrion, and a few lamellae of rough endoplasmic reticulum.

Campbell⁴ proposed the most widely accepted life cycle for *P. carinii*. The trophozoite may undergo several replications by binary fission before developing a thick trilayered cell wall. Such forms, called precysts, develop into cysts. The intracystic bodies contained in the cyst erupt from the cyst wall and become trophozoites. A sexual cycle has not been proven for *P. carinii*, although one group of investigators has shown evidence for meiosis and probable sporogony in cysts.⁵ It is generally thought that the cyst is the most likely source of infection, and the disease is transmitted by the respiratory route.

The organisms reside in the lung alveoli, adhere to Type



Figure 1. Electron micrograph demonstrating *Pneumocystis carinii* organisms adherent to the alveolar Type I epithelial cell. The trophozoites (T) are irregular in shape and interdigitate with the surface of the host epithelial cell (arrows). The cyst (C) has a thick cell wall and three intracystic bodies (ICB) visible. (x22000)

I alveolar epithelial cells,⁶ and cause a diffuse alveolar infiltrate (figure 2a, next page). They are not found adherent to the airway epithelium, including the epithelium of the terminal bronchioles, nor are they intracellular. In severe infections, such as those seen in AIDS patients, *P. carinii* organisms line the alveolar epithelial cells and prevent gaseous exchange (figure 1). In terminal stages of infection, there is desquamation of alveolar cells. Large numbers of organisms, sluffed alveolar cells, proteinaceous fluid, and foamy macrophages fill the alveolar air spaces.

For a definitive diagnosis, *P. carinii* must be demonstrated in lung tissue or alveolar fluid derived from the lungs. No serological test at present is both sensitive and specific enough to make the diagnosis of *P. carinii*. Obtaining an adequate specimen for diagnosis is often hazardous to the patient, since virtually all patients with suspected *P. carinii* pneumonitis are gravely ill. The exact method used depends largely upon the experience and expertise of the specialists at each medical center as well as the age and medical condition of the patients involved. The standard procedure is open lung biopsy; however, this procedure is being replaced

From the Department of Pediatrics-Infectious Disease, Duke University Medical Center, P.O. Box 2951, Durham 27710.

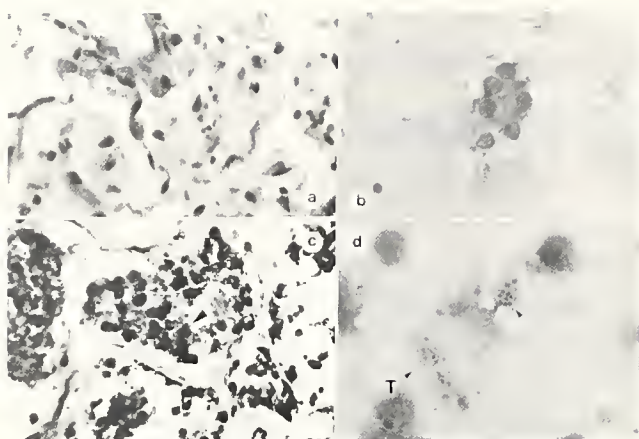


Figure 2. a) Hematoxylin- and eosin-stained lung section infected with *Pneumocystis carinii* showing alveolar infiltrates of macrophages, cellular debris, and proteinaceous fluid. (x2500)

b) Toluidine Blue O stained alveolar lavage fluid. Cysts (arrow) stain purple; host tissue stains blue. (x4500)

c) Methenamine silver stained lung section infected with *Pneumocystis carinii*. Cysts (arrow) are stained black; lung tissue stains green. (x2500)

d) Giemsa stained lung biopsy touch preparation. The cyst (arrow) with eight intracystic bodies visible is diagnostic. Trophozoites (T) are also visible. (x4500).

in many medical centers by transbronchial biopsy or bronchoalveolar lavage.⁷

Diagnosis of pneumocystosis is more readily made in patients with AIDS than in patients with immunosuppression due to other causes because of the larger number of organisms that are present.¹ Organisms are so abundant in patients with AIDS that induced sputum can often be used to make the diagnosis. Induced sputum yielded organisms in 5-10% of non-AIDS patients with *P. carinii* and in 61% of AIDS patients with *P. carinii*.^{8,9}

The successful diagnosis of *P. carinii* depends on two factors: the collection of the proper sample; and an appropriate histochemical stain to distinguish *P. carinii* from cellular material.⁷ For rapid screening, a special cell wall stain is usually employed to visualize the cyst cell wall, such as Toluidine Blue O (figure 2b), or methenamine silver (figure 2c). These stains also stain fungal cell walls; therefore, knowledge of the appearance and morphology of *P. carinii* on these stains is necessary. For confirmation of *P. carinii*, the Giemsa stain is customarily used (figure 2d). All the stages of *P. carinii* are visualized, trophozoite and cyst. The cyst with eight intracystic bodies is diagnostic for *P. carinii*.

For the treatment of pneumocystosis, pentamidine isethionate and trimethoprim-sulfamethoxazole (TMP-SMZ) have equivalent efficacies.¹⁰ In human studies, TMP-SMZ has been shown to be generally less toxic than pentamidine,¹¹ therefore, since the late 1970s TMP-SMZ has been employed as the treatment of choice for pneumocystosis. However, AIDS patients have a higher incidence of toxic reactions to TMP-SMZ than other immunosuppressed patients. Most AIDS patients are administered TMP-SMZ first,

with pentamidine being reserved for patients who do not respond to therapy either because of severe adverse reactions or because of progressive disease. Alternate drugs for treatment for *P. carinii* are needed, however. On follow-up bronchoscopy, persistent *P. carinii* has been observed as long as three weeks following treatment in two-thirds of AIDS patients.¹⁰ This figure is much higher than that reported for other immunosuppressed populations.¹⁰ Hydroxystilbamidine, TMP-dapsone (a sulfone), and difluoromethylornithine are some of the drugs that are currently under investigation for treatment of *P. carinii*.

In summary, with the advent of AIDS, *Pneumocystis carinii* has become an important cause of pneumonia. Such a disease manifestation is evidence of severe immunodeficiency. Proper diagnosis requires a high index of suspicion on the part of the physician, an appropriate specimen, and laboratory expertise. Currently, much ongoing research is addressing the areas of rapid diagnosis and development of better therapy and prophylaxis. ■

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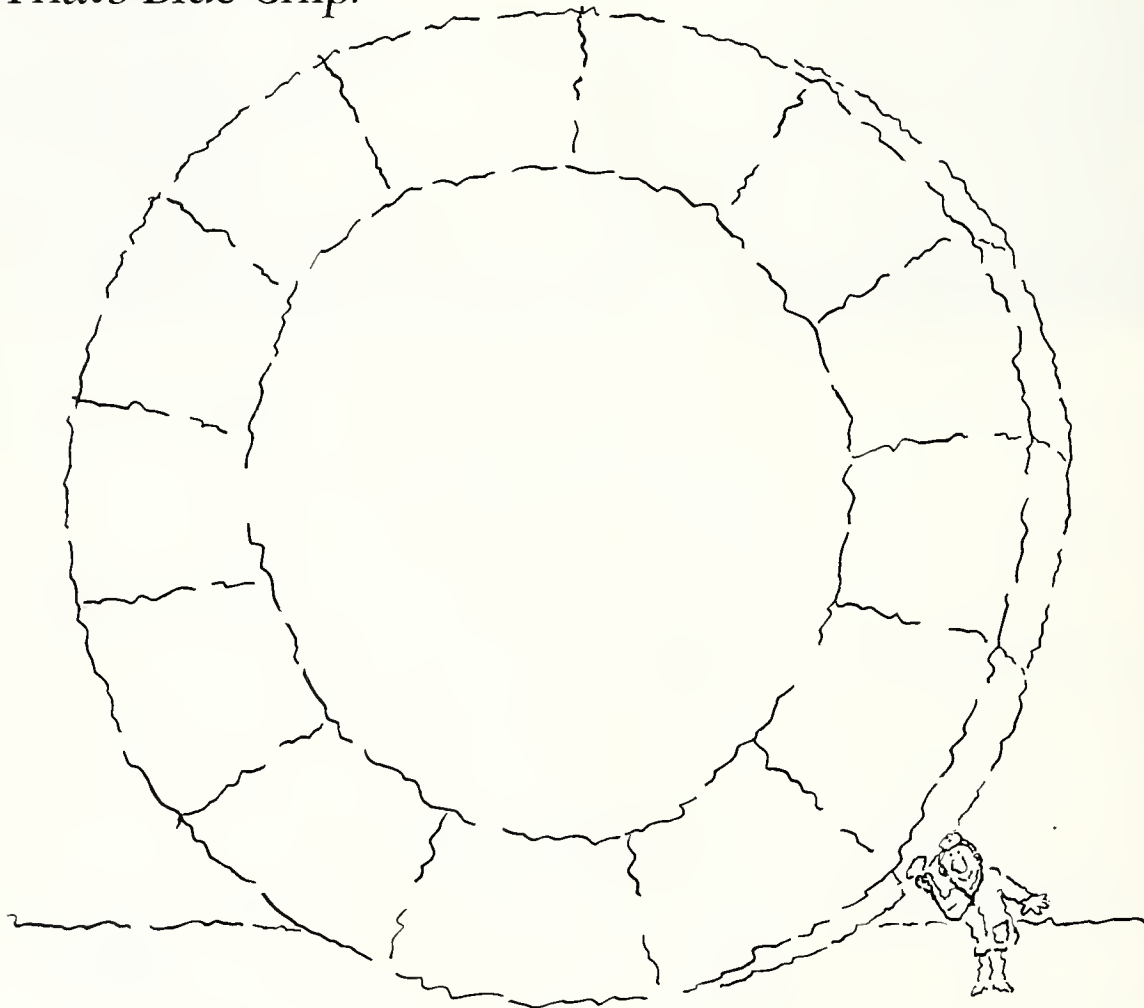
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Arsenic Poisoning and Seizures

Thomas L. Ortel, M.D., Ph.D., Camille L. Bedrosian, M.D., and David L. Simel, M.D.

A "diagnosis" may not always benefit a patient and may, at times, produce harm rather than good. An incorrect diagnosis that leads to incorrect treatment ignores the basic illness and introduces all the potential harmful effects from improper medications. We present a patient with a complex multi-system disorder; because each of his problems were approached separately, with special attention directed to his seizure disorder, the single diagnosis unifying many multiple symptoms was missed.

Our patient was a 72-year-old crop farmer who gradually developed personality changes, intermittent confusion, difficulties with memory, headaches, weight loss, and predominantly left-sided weakness. He sustained a possible tonic-clonic seizure in late 1985, but first went to a physician three months later following a second seizure. A computed tomogram (CT) of the head was normal, but an electroencephalogram (EEG) revealed irregular, sharp activity in the left anterior temporal area. He was only given digoxin for atrial fibrillation.

He did poorly and was re-admitted two months later for severe nausea and vomiting, dehydration, inability to stand, episodic staring spells, and tingling in his arms. The following tests were normal: 24-hr urine for vanillylmandelic acid, free catecholamines and metanephrines, thyroid function tests, cortrosyn stimulation test, serum protein electrophoresis, sedimentation rate, anti-nuclear antibodies, complete blood count, abdominal CT scan, 24-hr Holter monitor, and a resting multigated angiogram. A repeat EEG revealed epileptiform discharges involving both anterior temporal areas. CT scan of the cervical spine revealed cervical spondylosis. He was diagnosed as having temporal lobe seizures and was treated with tegretol.

His symptoms worsened six months later, when he developed recurrent nausea and vomiting, dizziness, chills, headache, and had new ST-T wave changes on his electrocardiogram. A myocardial infarction was ruled out by negative cardiac isoenzymes. He again underwent an extensive

neurologic evaluation, including a normal head CT, normal cerebral arteriogram, and normal cerebrospinal fluid studies. EEG again revealed epileptiform discharges in the anterior temporal location, right more than left. The serum vitamin B₁₂ and folate levels were normal. A 24-hr. urine study for porphyrins was reportedly positive, but a serum Δ -amino-levalulinic acid level was "normal." Esophagogastroduodenoscopy revealed possible extrinsic compression of the gastric antrum. He was treated with tegretol, dilantin, and digoxin.

He was first evaluated at our hospital for his seizure disorder and progressive decline in late 1986. A repeat head CT was normal, and a repeat EEG revealed right-sided irregularities without ongoing seizure activity. A magnetic resonance image of the head was normal. A complete blood count revealed a hemoglobin of 10.6 gm/dl and a white count of 2600/mm³ (49% neutrophils, 41% lymphocytes, 10% monocytes). The reticulocyte count was 6.1%, Coombs' test was negative, and a screen for paroxysmal nocturnal hemoglobinuria was normal. The serum ferritin was 181 ng/ml (normal, 31-294 ng/ml). His tegretol was discontinued because of presumed bone marrow toxicity.

His condition stabilized until two months later when he developed increased discoordination, confusion, and recurrent seizures. He returned to our hospital with a fever of 101°F in mild respiratory distress. He was thin and had bitemporal wasting, and the skin was diffusely hyperpigmented with hyperkeratotic changes involving the soles of the feet (see figure 1). He was completely oriented with an intact short-term memory, but he was confused concerning recent events. His strength was slightly decreased, the left side more than the right. Pinprick sensation and light touch were diminished over the distal arms and legs, left greater than right. His deep tendon reflexes were diminished diffusely. His hemoglobin had decreased to 7.1 gm/dl, and the white count was 2100/mm³ with 68% neutrophils, 20% lymphocytes, and 12% monocytes; the peripheral blood film also revealed anisocytosis and basophilic stippling. The sodium was 141 mmol/L, potassium 3.9 mmol/L, chloride 111 mmol/L, and carbon dioxide 17 mmol/L.

The patient's blood and sputum were cultured, a lumbar puncture was performed, and he was started on mezlocillin

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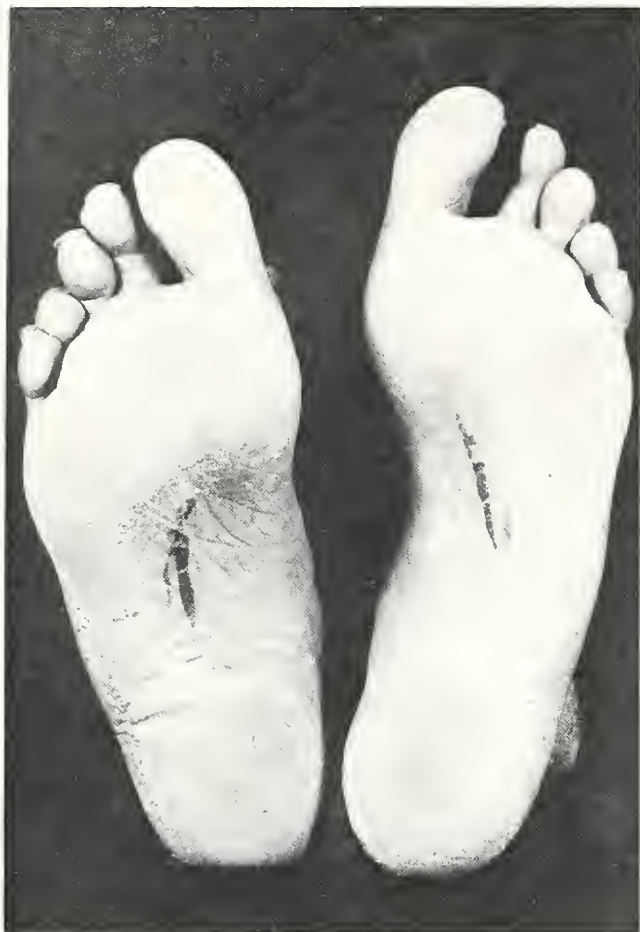


Figure 1. Hyperkeratotic changes on the soles of the patient's feet. The darker markings in the arches of his feet were present on admission, and neither he nor his wife knew their etiology.

and gentamicin. Although the blood, sputum, and cerebrospinal fluid cultures revealed no organisms, the patient clinically improved with intravenous antibiotics. Bone marrow aspiration revealed the marrow to be slightly hypocellular with occasional erythroid nuclear karyorrhexis, but myeloid:erythroid ratio, megakaryocytes, and bone marrow iron staining were normal. An electromyogram revealed a moderately severe sensorimotor neuropathy with axonal and demyelinating changes in the upper and lower extremities. A cortosyn stimulation test was again normal and a repeat 24-hour urine for porphyrins was negative.

A 24-hour urine sample was negative for arsenic, lead, and mercury; however, pubic hair and nail clippings analysis revealed the presence of arsenic at a level of 71.1 ug/gm of tissue (upper normal <10 ug/gm). He was begun on dimercaprol (British anti-Lewisite), 300 mg every four hours intramuscularly for two days, followed by 300 mg intramuscularly every 12 hours for an additional eight days of therapy. A repeat 24-hour urine arsenic assay was elevated (58 ug/L) two days after initiating chelation therapy. Penicillamine (25 mg/kg every six hours) was started after completing the course of dimercaprol.

Although many of his symptoms improved with therapy, he still has an occasional seizure, and the dysesthesias in his feet persist. The source of his arsenic intoxication is as yet unidentified, despite examination of his farm by the North Carolina Department of Pesticide Toxicology. The sheriff's department has been notified.

Discussion

Our patient presented with a complex multisystem disorder characterized by a chronic progressive decline punctuated by intermittent acute exacerbations. He was hospitalized on several occasions, and, despite extensive evaluation, the forest was missed as each tree was carefully examined. A malignancy was suspected but could not be proven, and the diagnosis of temporal lobe epilepsy could not explain all of his symptoms. Although arsenic intoxication was not suspected in our patient initially, a review of his case reveals that most of his symptoms, if not all, can be directly attributed to acute and chronic arsenic exposure.

Arsenic is a common environmental toxin that is present naturally in soil, water, and air.¹ Arsenic is also released into the environment from various anthropogenic sources, predominantly industrial and agricultural.¹ Chemically, arsenic resembles phosphorus, and arsenic anions can substitute for phosphate in various reactions. It can exist in three possible oxidation states (metalloid [0], trivalent [arsenite], and pentavalent [arsenate]), and it is found in both organic and inorganic forms. These forms vary in their potency, with arsenite being more toxic than arsenate, and the inorganic arsenicals more toxic than the organic.^{1,2} In fact, certain organoarsenicals have been used as feed additives for poultry and other livestock to promote growth and weight gain.² Although the different states vary in their individual potencies, the mechanism of arsenic toxicity is similar for all, involving its ability to combine with thiol groups in the tissues.³

Arsenic has been implicated in human poisonings and deaths, both accidental and intentional, throughout recorded history. The "Staffordshire beer epidemic" of 1900 resulted from the use of arsenic-contaminated sugar in the production of beer, causing 6,000 poisonings and about 70 deaths.⁴ Powdered milk contaminated with arsenic trioxide resulted in over 12,000 poisonings and 128 deaths in Japan in 1955-1956.¹ In addition to accidental exposures, arsenic has been used extensively by poisoners, who have favored it for its lack of taste or odor. Lucrezia Borgia used arsenic to poison "unwelcome" banquet guests, and hair clippings from Napoleon revealed intermittent arsenic exposure prior to his death.³ Although it is infrequently used as a homicidal agent at present due to sensitive tests for detecting its presence, 56 confirmed cases of arsenic poisoning were diagnosed at Duke Medical Center from 1970 to 1980.⁵

Acute intoxication with arsenic initially produces a metallic taste and a garlic-like odor to the breath. This is fol-

lowed by the abrupt development of severe nausea, vomiting, colicky abdominal pain, and profuse diarrhea. In severe cases, this can proceed to hypovolemia, acute renal failure, cardiac failure, cardiac dysrhythmias, cerebral edema, coma, and death. In addition to the above symptoms, exposure to arsine (AsH_3), a highly poisonous gas produced during the smelting and refining of certain metals, produces a rapid hemolysis, resulting in an elevated plasma hemoglobin and hemoglobinuria.⁶ On several occasions, our patient was hospitalized with the acute onset of severe nausea and vomiting, dehydration, and an exacerbation of his neurologic symptoms.

Chronic arsenic intoxication is protean in its manifestations, affecting virtually every organ system in the body. In general, the patient may present with chronic weakness, anorexia, weight loss, hoarseness, lassitude, and a variable degree of dementia, all of which were demonstrated by our patient. Cutaneous manifestations are non-specific, but include a coppery pigmentation of the skin due to the deposition of melanin and hyperkeratoses of the palms of the hands and soles of the feet (see figure 1). Transverse white bands crossing the nails that do not blanch with pressure are referred to as Aldrich-Mee's lines.

Hematologic manifestations include the development of anemia, leukopenia, and frequently thrombocytopenia; a mild absolute eosinophilia commonly occurs.⁷ Peripheral erythrocytes develop coarse basophilic stippling as well as multinucleated forms, and karyorrhexis, representing accelerated pyknosis of the normoblast nucleus, is seen in the bone marrow.^{7,8} Our patient's anemia and leukopenia were initially attributed to therapy with tegretol; in retrospect, all of his hematologic abnormalities can be attributed to chronic arsenic exposure.

Arsenic also has chronic effects on the gastrointestinal tract, producing stomatitis, chronic diarrhea, and malabsorption, as well as hepatotoxic effects, including fatty infiltration, central necrosis, and eventual cirrhosis.³ Cardiac effects include conduction abnormalities, producing typical electrocardiographic changes including prolonged atrio-ventricular and intraventricular conduction times as well as prolongation of the QT interval with abnormal ventricular repolarization.² Our patient presented with atrial fibrillation, and, on one occasion, his electrocardiogram suggested an acute myocardial infarction. Lastly, exposure to arsenicals has been associated with carcinogenesis, most commonly skin cancers such as Bowen's disease and squamous cell carcinomas.²

Arsenic poisoning affects both the central and the peripheral nervous system, but its effects on the latter predominate. Typical features of arsenical neuropathy usually develop within one to three weeks after exposure and include numbness and paresthesias, diminished sensation, and reduced muscle power, all of which are more pronounced distally.⁹ Foot and wrist drop are common, and deep tendon reflexes are frequently absent or diminished. Nerve conduction studies have demonstrated diminished or absent

evoked sensory potentials with prolongation of both sensory and motor conduction, and histologic studies have shown segmental demyelination as well as axonal degeneration.¹⁰ By the time our patient was finally diagnosed with arsenic intoxication, his peripheral dysesthesias had progressed to the point that he was barely able to walk due to the severe pains in his feet.

Symptoms pertaining to involvement of the central nervous system may occur in 15-20% of patients; these symptoms are usually mild and quickly respond to therapy.³ In more severe cases, on the other hand, there have been reports of toxic delirium, coma, and seizures. Convulsions are felt to represent a clinical manifestation of encephalorrhagia ("brain purpura"), with pericapillary hemorrhage and degeneration serving as foci for seizure activity. On several occasions, one of the symptoms our patient developed following a presumed acute exposure to arsenic was an exacerbation of his seizure disorder; it is not known whether this represented a primary effect of the arsenic on his central nervous system or a possible unmasking of a subclinical seizure focus. In general seizures are rarely seen with arsenic intoxication, and their presence usually signifies a preterminal event.

Management of acute arsenical intoxication includes gastric lavage to remove residual arsenic in the stomach and administration of a cathartic to decrease intestinal absorption of arsenic; intravascular volume is maintained with intravenous fluids. In arsine poisoning, supportive management may include exchange transfusion for the hemolysis and hemodialysis for acute renal failure. Chelating agents, such as dimercaprol (British antilewisite, 2,3-dimercaptopropanol) and D-penicillamine, both thiol-containing metal chelators, provide a specific mechanism for inactivating toxic arsenicals.³ Dimercaprol was first developed during World War II as an antidote for the German war-gas lewisite (chlorvinylchlorarsine, $\text{C}_2\text{H}_2\text{Cl}_2\text{As}$), which combines the vesicant effects of mustard gas with the toxic action of arsenic. Dimercaprol is most useful in the treatment of acute arsenic poisoning, except for arsine exposure, on which it has little effect. Although the benefit of dimercaprol in chronic intoxication is unclear, a therapeutic trial is usually indicated since partial reversal of some of the manifestations has been reported.³ Dimercaprol is essentially ineffective in the treatment of arsenical neuropathy unless it is initiated within hours of ingestion.⁹ D-penicillamine is a monothiol chelating agent used in the treatment of Wilson's disease for its ability to chelate copper; it has also been demonstrated to be efficacious in the treatment of arsenic poisoning, although it is felt to be less effective than dimercaprol in reversing the toxic effects of arsenic.³

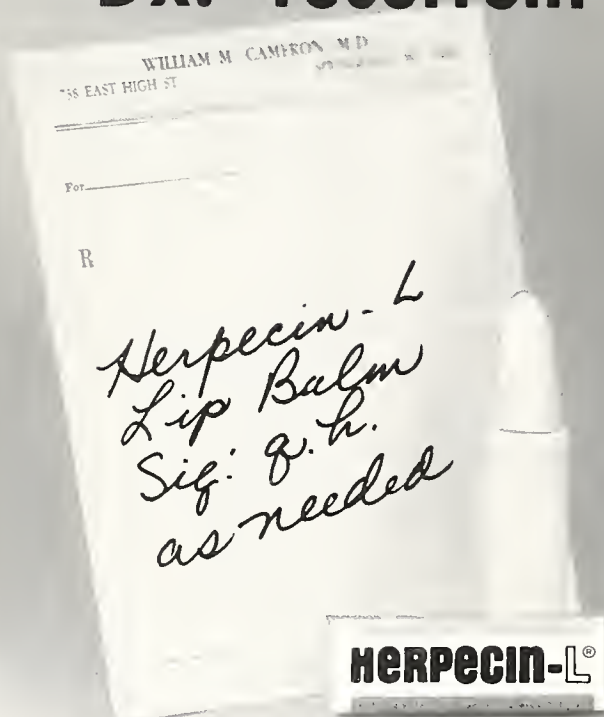
In summary, our patient developed chronic arsenic intoxication as a result of intermittent acute exposure. His original diagnosis of temporal lobe epilepsy could not explain all of his symptoms, and may have contributed to the delay before the correct diagnosis was actually made. In fact, it is unclear to us whether his seizures can be rightfully

connected to arsenic exposure or whether they represent a separate, unrelated process. ■

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Outreach in Chatham County

John W. Hatch, Dr.P.H.

Access to and availability of health care services among black people living in rural communities in North Carolina has improved vastly over the past two decades. While health status has also improved during this period, the rate of preventable and controllable morbidity and mortality due to cardiovascular disease and poor infant and maternal care remain unacceptably high.¹ It is believed that most appropriate utilization of existing health care resources will have substantial impact on this problem.² The challenge rests in identifying and implementing strategies for changing selected patterns of health-directed and health-related behavior and for gaining support from health professionals.

In 1979 the author, assisted by two graduate students, initiated a community health education project in Chatham County in cooperation with black churches and health care professionals in the county. Since then, the model we developed in Chatham County has influenced health promotion efforts in three major denominations serving black people in the Carolinas. The General Baptist state convention sponsors an office of Health and Human Services through its central administrative offices in Raleigh. During the past five years the program has trained nearly 1,000 volunteers who encourage prevention through behavior change and more appropriate utilization of existing health care resources. The convention serves over 400,000 Black Carolinians through a network of 1,700 churches. African Methodists of the Cape Fear Conference, serving 13 counties in the eastern region of the state, provide health advocacy training to clergy and lay volunteers through the Shaw-Speaks Center in Wilmington and centrally located churches in their service area. United Methodist in South Carolina are training part-time paid coordinator/organizers to work with communities and churches for improved maternal and child health and cardiovascular health. A pilot program in Bamberg County will be replicated in other regions of the state. These programs are open to churches without regard to denomination or race. Health care professionals provide services without cost.

From Department of Health Education, School of Public Health, Rosenau Hall 201H, University of North Carolina, Chapel Hill 27514. The project described was supported by a grant under Title I of the Higher Education Act of 1956.

Our Experience

Conversations with community leaders confirmed our concern that many people were not utilizing health care resources in ways likely to improve health status. Socioeconomic change had come rapidly. In recent years, a physician who had been in practice in the county seat for over 40 years closed shop, tenant farming declined rapidly over the past 15 years, schools desegregated, and women entered the wage-paying labor force in large numbers. Crossroads grocery had not survived competition with the supermarket.

Notwithstanding the increased accessibility of health care resources because of better work-related benefits, Medicaid, and Medicare, coupled with reduction of racial barriers, people's general knowledge, attitudes and behavior toward health care services seemed little changed. We began by seeking out community leaders, informing them of our concerns, and asking if they felt a need for improved access to health care resources. Our next question was: "Are there people willing to make a commitment of time toward helping others?" We knew that the helping ethos was deeply imbedded in the rural church, and selected them as point of entrée into the community.

Based on these observations, a demonstration project was designed and implemented, with the overall goal of strengthening the role of indigenous helping networks in the following three areas:

- 1 Promoting preventive health behavior.
- 2 Matching people experiencing health problems with appropriate resources, both lay and professional.
- 3 Helping community members toward more appropriate utilization of health care services.

The program objectives were:

- 1 To identify and train lay persons to serve as health information and resource coordinators within their respective churches, in order to increase by 20% the number of people in the group able to give proper information on risks and appropriate interventions (e.g., self-help/advocacy, resources identification and referral) for the conditions of: hypertension; diabetes; and pregnancy; plus two or three other conditions to be determined by the participants.

2 To provide a forum where participants would develop strategies and plans and serve as catalysts in strengthening their own churches' role in promoting and being supportive of positive health behavior.

Initial contacts were made with pastors and church leaders through one-to-one conversation and small group sessions. We told them of our concern about the higher rate of infant mortality and the persistence of large numbers of cases of uncontrolled hypertension and poorly controlled diabetes in the black adult population in Chatham County.

Discussions focused on actions that churches could take to help improve the health of the community. Pastors and church leaders were encouraged to raise questions and to identify and discuss other health concerns. While our intervention targeted promotion of maternal and child health and the prevention and control of diabetes and hypertension, we agreed to offer additional sessions on other topics when justified by interest, contingent on identification of technical resource persons willing to volunteer their services.

Churches electing to participate were asked to select three persons for training as health advocates with the understanding that training would entail a minimum of 20 contact hours offered in two-hour sessions once a week over a 10-week period. Those certified as health advocates would be required to pass three examinations with a score of 70% or higher. On completion of training, health advocates were expected to know the following:

- 1 How their community compared with others in maternal and infant health, and in the prevalence of diabetes and hypertension, including the percentage of cases not controlled.
- 2 The primary reasons for disproportionately high levels of preventable morbidity and mortality.
- 3 Availability of institutional and professional health services and related resources.
- 4 Action the individual, family and community should take toward prevention and control of problems related to diabetes, hypertension and maternal and child health.
- 5 Specific ways for individuals to share newly gained knowledge with family and friends, including counseling, referral, and organizing education and screening opportunities for special groups.

In selecting volunteers, congregations were asked to consider: (1) previously demonstrated willingness to help others; (2) stability, with demonstrated success in living and with plans to remain in the community for at least two years after training; (3) ability to follow through on assigned tasks; (4) the level of trust and respect for the individual on the part of various age, sex, family and friendship groups in the community; (5) personality conducive to effective communication with neighbors and professionals; and (6) additional characteristics the congregations saw as important to doing the job.

Our belief in helping communities increase their self-reliance and ability to act in their own interest guided our

efforts to improve relationships with local health service resources. We knew that the institutional and professional resources needed to reduce excess morbidity and mortality existed in the community. They included the public health department, a community hospital, a comprehensive community health center, social services, a community action program, and private practitioners. The next challenge was to inform them of the project and request their involvement as presenters for technical portions of the training.

Several persons from the group of community advisors were asked to recommend physicians they perceived as likely to respond positively to the project. Initially, I doubted private practice physicians would respond to an unproven project directed by a health educator that would require about four hours of time. Tasks included a pre-planning conference with the health educator, preparation of the topic, presentation followed by questions, and travel to a rural church. It was decided that, whenever possible, requests for such participation would be made by a community person who had a personal relationship with the provider.

A health education graduate assistant provided technical support to the practitioners in planning and designing their presentations, the intention being to assist in the preparation of material appropriate to the learning style of the audience. Suggestions for content and questions from participants were given to the presenters in advance with the intention of increasing volunteer interest in the session and providing professional insight into the level of knowledge and types of concerns likely to be expressed during the sessions. We hoped that close attention to the need for information, and an informal format in a setting comfortable to the volunteers, would facilitate communication.

Physicians participating in the project were Dr. Joseph Dugan, an internist in private practice in Siler City, who developed the module on diabetes; Dr. James Swankl, who anchored the series on maternal and child health; and Dr. Samuel Putnam, an internist employed by the Orange-Chatham Comprehensive Health Center in Moncure, who provided oversight for the module on hypertension. A nutritionist and nurse from the health department, a clinical psychologist-epidemiologist from the University of North Carolina School of Public Health, and students from the Schools of Medicine, Nursing, and Public Health at the University of North Carolina at Chapel Hill presented or played support roles in the training program.

The importance of communication between community people and health professionals was emphasized in all sessions. Both the church volunteers and the professionals learned from these sessions. The professionals became aware of strengths in the community not previously recognized — strengths such as the role of the church in defining world view and providing affective and instrumental support during times of crisis, and the social power of church mothers*

*Church mothers are selected from the ranks of women, usually past 70 years of age, on the basis of wisdom, exemplary personal behavior and adherence to the spiritual life.

in matters related to child rearing, family life and issues concerning values and morality. The volunteers increased their knowledge about the resources and action necessary to improve maternal and child health and learned of ways to reduce the risk of developing hypertension and diabetes. They learned about resources at the individual, family and broader community levels that could be mobilized for better prevention, control, and management of these two chronic diseases found at high rates in their community. Feelings of social distance declined as the volunteers and the professionals discovered common ground.

Morale boosters I recall included over-enrollment in Dr. Dugan's series on diabetes; the public health nurse who stayed on for tea and cookies; requests for an additional session on stress management; and attending homecoming festivals and finding specially prepared foods for hypertensives and diabetics.

Evaluation was an important part of the demonstration project. Increases in the appropriate technical knowledge, particularly with regard to hypertension, diabetes and child/maternal health issues, have been measured, with positive results. Persons with less than 12 years of formal education experienced greater gains in pre/post test evaluations than those with high school educations. This suggests that those with lesser levels of education have less technical knowledge from the onset of the intervention. Although all participants learned, these participants learned more.

Diffusion of knowledge took place across church, community and racial boundaries. Ten percent of those receiving counseling from volunteers were white. Information was more likely to be transferred in the workplace and at the laundromat. Men tended to be less well-informed and less aware of health issues than women. Those selected by their congregations for health advocates training tended to be stable, somewhat better educated and economically better off than the average for their communities.

Conclusions

This project was a practical demonstration of outreach, and it supports the notion that intervention at the community level is a sound means of addressing problems of inadequate knowledge and resource utilization.

Beliefs, norms and values held at the community level often contribute to behavior patterns, influencing what people do to maintain health and treat disease. Strategies designed to share responsibility for the community's health must include ways to increase knowledge and health-positive action within the variety of subcultures that make up the service population.

The major challenge is to convince those in decision-making positions of the efficacy of outreach. This will require well planned and carefully evaluated interventions, with clearly identified benefits from allocating more resources to people at the grass roots so that they can play a stronger role in maintenance and improvement of their health. These benefits might include: (1) improved patterns of utilization; (2) greater reliance on personal and community resources for health management; (3) increased knowledge; (4) appropriate responses to new knowledge; (5) increased community support for health services; and (6) volunteer action groups targeting specific health and health-related concerns. ■

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Carotid Cavernous Fistula

Closure with Detachable Silicone Rubber Balloons

John T. Curnes, M.D., Robert A. Whaley, M.D., and
Bradford B. Walters, M.D., Ph.D.

Traumatic carotid-cavernous fistulae are caused by injury to the cavernous portion of the internal carotid artery. The clinical syndrome accompanying this injury is unmistakable and dramatic. Treatment of the fistula using a detachable balloon system can be a safe and practical method of dealing with this problem.

Our patient was a 21-year-old white male who was assaulted in December 1986. He suffered a mandibular fracture and facial fractures. Shortly thereafter, he noted a "whushing" sound in his right ear, as well as double vision for the first time.

He had a markedly proptotic right eye with conjunctival injection. This eye pulsed and had an easily audible bruit. In addition he had a mild third nerve palsy on the right and venous engorgement on fundoscopic exam.

Cranial computed tomography (CT) of the head and orbits was performed with contrast infusion, demonstrating a bulging right cavernous sinus, proptosis, and enlarged superior orbital vein (figure 1). Confirmation of the diagnosis was made at cerebral angiography, where a large traumatic fistula was demonstrated between the right internal carotid artery and the inferior portion of the right cavernous sinus (figure 2).

The patient was taken to the angiographic suite where a 9F catheter was inserted into the right internal carotid artery via the transfemoral approach. A sterile mini-balloon was maneuvered into the area of the fistula, inflated to about 5-6 mm in size, and detached. A post procedure angiogram showed slowed but persistent flow in the fistula. A second balloon, of similar size, was directed through the fistula, inflated and detached. A second angiogram showed essentially complete obliteration of the fistula (figure 3). Auscultation failed to elicit a bruit, and examination of the eye showed immediate decrease in proptosis and chemosis. A lateral non-magnified view of the skull was taken

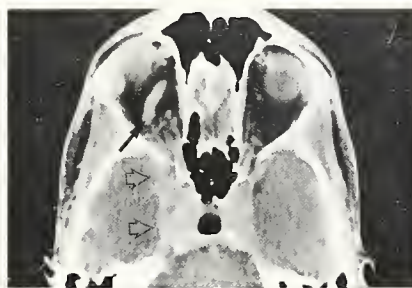


Figure 1. Cranial computed tomography with contrast infusion showing a dilated cavernous sinus (open arrows), and enlarged superior ophthalmic vein (large arrow). Note the normal size of the cavernous sinus and superior ophthalmic vein on the left.



Figure 2. Right internal carotid arteriogram demonstrating a large carotid cavernous fistula draining primarily into the superior ophthalmic vein anteriorly (open arrow) and the inferior petrosal veins posteriorly. Carotid artery (curved arrows), cavernous sinus (small arrows).



Figure 3. Right internal carotid arteriogram after placement of two 2 mm balloons in the cavernous sinus via the fistula. Note essentially complete obliteration of the fistula.

From the Department of Radiology, Duke University Medical Center, Durham 27710 (JTC); and the Department of Radiology (RAW) and Division of Neurosurgery (BBW), the University of North Carolina School of Medicine, Chapel Hill 27514.



Figure 4. Lateral skull film showing the location of the two balloons in the cavernous sinus.

following the procedure and repeated the next morning to document the size and location of the balloons (figure 4).

Post-procedure course was notable for severe pain over the next 24 hours, controlled by morphine, and a sixth nerve palsy. He was discharged on the second post-procedure day. However, twelve days after the embolization, he returned with acute worsening of pain and increasing diplopia. Examination revealed complete third nerve palsy. A lateral skull film suggested that slight superior migration of the posterior balloon had occurred, possibly stretching the third nerve acutely. Repeat angiography showed no recurrence of fistula, and the carotid was widely patent. However, there was a 1x1 cm² pseudoaneurysm originating near the site of the previous fistula (figure 5). The patient's pain and diplopia improved markedly over the next several days.

Discussion

Carotid cavernous fistulae can be of traumatic, spontaneous, or congenital origins. By far, the traumatic causes are most common, usually resulting from a severe basilar skull fracture with tearing of the carotid artery. Other less common traumatic causes include stab wounds, injury during transphenoidal removal of pituitary lesions, or injury following Fogarty balloon removal of clot from the carotid artery at endarterectomy.¹

The most common presenting complaints by the patient include bruit, proptosis, conjunctival redness, diplopia, and blurred vision. All nerves traversing the cavernous sinus, namely the third, fourth, sixth, and first division of five, can be compromised as a result of either the initial trauma or the increased flow through the fistula. Rarely, hypoxic ocular changes may lead to blindness.

The computed tomographic and angiographic features of these fistulae are unmistakable. On CT, an enlarged cavernous sinus, prominent superior orbital vein, and proptosis confirm the clinical impression and mandate angiography.



Figure 5. Repeat right internal carotid arteriogram three weeks later, showing 1x1 cm² pseudoaneurysm (arrows).

Selective internal and external carotid angiography, with rapid filming, delineates the exact point of communication. In the vast majority of cases this is located where the internal carotid artery pierces the inferior portion of the cavernous sinus. This fistula results in very early, dense opacification of the cavernous sinus — so dense, in fact, the fistula cannot always be seen. By injecting the ipsilateral vertebral artery while compressing the carotid artery, one can obtain an exquisite view of the fistula via contrast refluxing through the posterior communicating artery, down the cavernous carotid, and out the rent. Other angiographic features of carotid cavernous fistulae include dilation of secondary venous structures (especially the superior ophthalmic vein) and poor visualization of the intracranial vasculature.

Many procedures have been employed in the treatment of this disorder, including direct surgical or intravascular occlusive therapy. The techniques of transfemoral intravascular embolization have now improved to the point that the detachable balloon has become the treatment of choice for carotid cavernous fistulae.

The Bard Parker mini-balloon detachable balloon system is the device with which we have had the most experience.² It comes in a unique pre-prepared delivery system that facilitates the rapid and accurate introduction of the balloon to the site of the fistula (figure 6). The silicone rubber balloon, attached to a radiopaque, 3 French, polyurethane catheter, is injected through a larger catheter already in place in the internal carotid. After the balloon is inflated with a radiopaque contrast agent, a small valve mechanism at the junction of the balloon and catheter permits the balloon to be detached from the catheter and remain sealed (figure 7). Subsequent blood stasis, clotting and fibrous tissue growth at the balloon site produce permanent occlusion and guard against balloon migration. The balloon remains in the vessel and is easily visualized on skull radiography (figure 4).

Complications can be expected in about a third of patients in whom this procedure is performed.^{3,4} The most common adverse effect is that of transient cranial nerve palsy. This

is usually due to compression of the nerves against the wall of the cavernous sinus, and almost always resolves in days to weeks. Our patient had an almost immediate sixth nerve palsy, and several days after the procedure he developed a third nerve palsy, the latter probably related to movement of a balloon within the sinus. Pain can also be a prominent feature, due to tension on the dura and first division of the fifth cranial nerve. Pseudoaneurysm formation can also occur, causing pain and third nerve palsy. In those patients in whom the pseudoaneurysm is small (less than 1 cm) as in our patient, the pseudoaneurysms do not go on to enlarge or become a problem clinically. However, in those cases where the pseudoaneurysm is larger, and intractable pain and cranial nerve deficit predominate, it may be necessary to permanently occlude the carotid and the neck of the false aneurysm with another balloon.⁵

A more serious problem can occur when the balloon becomes detached in the mainstream of the carotid artery, not in the fistula. This can result in occlusion of the internal carotid artery, or intracranial migration and occlusion of the middle cerebral artery. Neurologic deficit can result, either temporary or permanent.

Balloon deflation can occur also, possibly resulting in distal embolization. Fortunately, fibrosis and obliteration of the fistula has usually occurred by a week to ten days, preventing migration of the balloon outside the cavernous sinus.

In summary, the treatment of choice for carotid cavernous

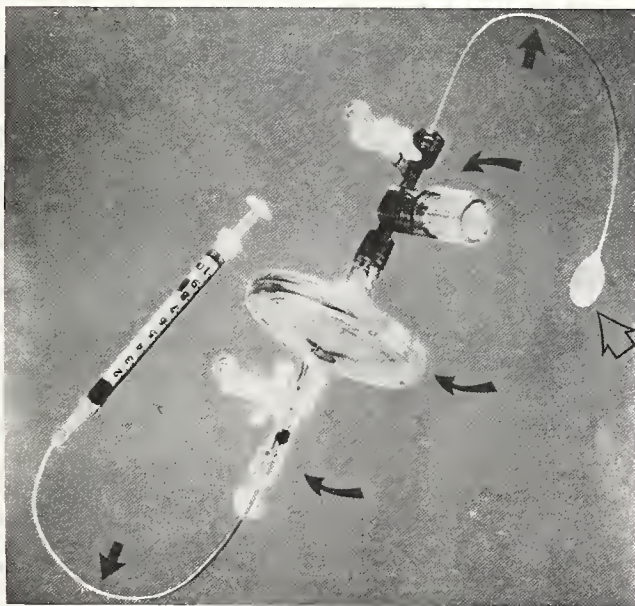


Figure 6. Photograph of the balloon system displaying the inflated balloon (open arrow), 3 French catheter (straight arrows) introducing system (curved arrows) and syringe used to inflate the balloon (at left).

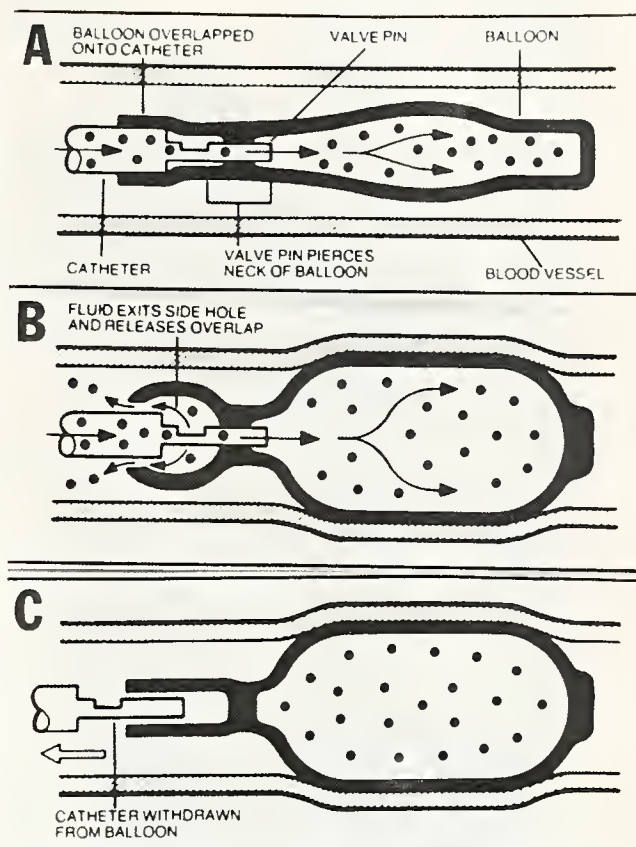


Figure 7. Schematic of balloon and valve pin. (A) The partially inflated balloon fills with contrast. (B) Once the balloon is compressed by the sidewalls of the cavernous sinus, fluid or contrast material leaks through the sidehole of the valve pin, thus lubricating the contact points of the balloon neck and valve pin permitting easy detachment. (C) Catheter and valve pin withdrawn from inflated balloon.

fistulae is with a detachable balloon placed in the fistula via an endovascular, transfemoral approach. In the hands of experienced neuroradiologists, the probability of successful obliteration is high and the complications of the procedure can be minimized. ■

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NORTH CAROLINA MEDICAL JOURNAL

For Patients

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Toys

Good, Bad, but Never Indifferent

SHIRLEY K. OSTERHOUT, M.D.

According to Webster's Dictionary, a toy is a pastime or a sport, a plaything, trinket or bauble, a thing of little value or little importance.

It is probably a rare parent who would consider a toy that is used and loved by a child to be of little importance, much less of little value. Toys are used to stimulate creativity, to provide endless hours of happiness, to encourage social interaction, to improve physical coordination, and to teach new tasks. They are also a source of heartbreak when broken or lost, of arguments between siblings, and of envy. The toys advertised in the supplements that thicken our newspapers starting in November give a wonderful history of the culture of the time, popular fads, favorite movies and television programs, and our national mood, whether peaceful or violent. But toys can be dangerous and can kill.

We do not like to read in newspapers that the United States Consumer Product Safety Commission estimates more than 135,000 persons received hospital emergency room treatment from such favorite playthings as dolls,

toy trucks and cars, toy wagons, and balls. We do not want to read in the medical literature that cytomegalovirus can be recovered from toys recently mouthed by infected children.

Falls on or against toys are frequent causes of accidents resulting in cuts and bruises, fractures, and strangulation.



Children have also seriously injured themselves by swallowing or choking on small parts, by placing tiny toys or parts in noses or ears, and by cutting themselves on sharp objects and points. There are toys that are hazardous because of chemical ingestion or skin burns, and electric shock and burn injuries.

Although our dictionary definition calls toys baubles and trinkets, there are playthings that do not come under this description but that do fit into the consumer definition, such as roller skates, ice skates, skateboards, tricycles, bicycles, all-terrain vehicles (ATVs) and airguns.

Toys, in the broader definition, are an integral part of our life, health, and safety. Each year, 5,000 new toys enter the marketplace. The Christmas holiday season will find an estimated 150,000 different kinds of toys for sale at over a million retail outlets.

Medical Director, Duke Poison Control Center, Duke University Medical Center, Durham. Artist: Irene Roderich.

Hazards

What are the hazards? Why do we allow them? Should we put the blame on the manufacturer, the government, or the consumer? All three.

Under the Federal Hazardous Substance Act and the Consumer Product Safety Act, the United States Consumer Product Safety Commission (CPSC) was established in 1973 and has set safety regulations for certain toys and other children's articles such as sleepwear. Manufacturers must design and make their products to meet regulations so hazardous products are not sold.

Some regulations set safety specifications for specific kinds of products, while others deal with hazards from a wide variety of toys or children's products. The following CPSC toy regulations are now in effect.

Sharp points and sharp edges. Regulations that became effective in late 1978 and mid-1979 provide manufacturers with testing methods to ensure that toys and other articles intended to be used by children less than eight years old do not have hazardous sharp points or hazardous sharp glass and metal edges.

Small parts. In 1980, regulations were developed eliminating small parts from toys intended for use by children under three years of age. Unfortunately, under this current standard toys on which small children can choke are labeled as safe for children's use.

The Consumer Federation of America in a recent newsletter criticized this regulation, which, although it states that all products for youngsters less than three years must not present a hazard of choking aspiration or ingestion, does not provide test techniques adequate to prevent injury and even death. The government uses a small parts test cylinder with a diameter of 1.25 inches and a depth of 1 to 2.25 inches. If an object fits within the test cylinder, its sale is prohibited. If any part protrudes from the cylinder, the object passes and may be sold as safe. Thus, a toy passes the standard regardless of diameter if long enough to protrude from the cylinder. According to a report by the CPSC in 1983, at least 49 of 136 choking incidents, including at least 36 deaths, involved objects passing this standard.

Pacifiers and rattles. Even an infant may not be safe. Regulations require that these objects be designed so that they cannot lodge in an infant's throat or separate into small pieces.

Clacker balls. These are a novelty toy consisting of two plastic balls, connected by a cord, which can be "clacked" together by a rhythmic motion of the hand. These toys must be made in accordance with strict performance requirements so that the plastic balls will not shatter or fly off the ends of the cord.

Electrically operated toys. Since 1973, safety specifications have been in effect to prevent electric shock and burn injuries resulting from poorly made electrical toys.

Lead paint. The amount of lead in paint used on toys and other children's articles is severely limited to less than 0.06%.

Sound level of toy caps and guns. The Commission regulates the amount of noise made by these products to prevent hearing damage.

Lawn darts. These must not be sold in toy stores and must be labeled to indicate that they are not toys and could cause serious injury if misused.

Toys with hazardous chemicals. The Federal Hazardous Substance Act prohibits the use of poisonous and otherwise harmful chemicals in toys and other articles intended for use by children. Chemistry sets, model rocketry sets, model airplanes, fuel, craft sets and other products, which by their very nature must have such chemicals, may be sold if accompanied by instructions and warning labels.

There are also safety regulations for cribs, baby bouncers, walkers, bicycles, fireworks, and children's sleepwear. The Federal Bureau of Standards for many years before the Federal Hazardous Substance Act has regulated the content of crayons made in this country.

Manufacturers must show that their products comply with the regulations for toy safety. Investigators for CPSC inspect firms making or importing products to ensure that regulations are followed. The samples collected during inspections are examined at CPSC Laboratories. Products in violation can present substantial hazard and may be subject to recall. Retailers must then post signs in their stores advising consumers to return the product for a refund.

Despite the efforts of toy makers, retailers, CPSC inspectors, consumer deputies, and other federal, state and local government agencies, it is not possible to examine every toy. It is also not possible to regulate the making of certain toys, the selling of certain toys, the purchase of certain toys and the personal use of toys.

In 1986, CPSC recalled over 1.6 million crib toys because of alleged strangulation hazards to infants. These were colorful, stuffed triplet dolls that were strung together to go across the sides of a crib. They were available by mail order from a reputable toy distributor which advertised in nationally known magazines read widely by parents of young children. About 65,000 were sold through retail stores. There had been two complaints, from the parents of a 10-month-old and a seven-month-old who had allegedly strangled when they became entangled in their cribs. Unfortunately only about 10% of consumers take advantage of the opportunity to return such recalled items.

There have been other similar toys — crib gyms, exercisers, kickers — which are attractive additions to a child's environment, but which are dangerous. The risk of strangulation from these toys is well established. The risk begins when infants are beginning to push up on hands and knees, usually about five months of age. These

babies can pull themselves up to a hanging crib toy and become entangled or fall forward over it. Because infants cannot disentangle themselves, support their own weight, or lift themselves from the toy, this kind of accident can result in serious injury or death. These toys should never be used in cribs and playpens.

There are no standards or tests regulating such toys except common sense and knowledge. There are appropriate places for them in which they can be used with supervision. However, meaningful regulation is not possible because the hazards stem from use rather than design, and in any case these toys can be made by parents, with some magazines even giving directions.

This brings us to a large group of unregulated toys — those made by hand by family members or by crafts people. The latter are usually sold at bazaars, fairs, flea markets and craft shops. Homemade toys are quite popular today. They are most notorious for being dangerous because they may contain small parts which are readily detachable.

Although CPSC makes efforts to control imports, it is not uncommon for foreign-made toys to make the news media and consequently for parents to panic. Several years ago, an imported stuffed animal caused several instances of trauma from an internal wire which became loose and protruded sharply from the animal. In

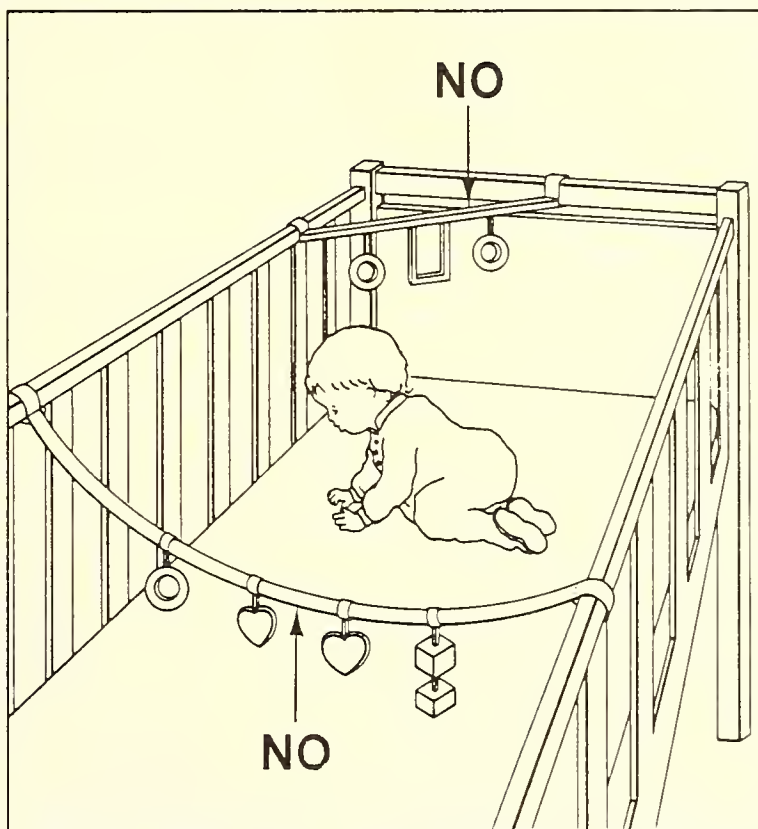
late 1986, a recall was issued for robot toys distributed by a well-known domestic toy dealer, but made in Taiwan and Japan. The paint used in the Taiwan-made product was higher in lead than allowable by law. Approximately 866,000 sets and pieces made in Taiwan were sold nationwide beginning in July 1985. Those made in Japan were considered safe. In the age range for which these toys would be most appropriate, lead poisoning would not be expected since it would not be absorbed through the skin. However, younger siblings might find it fun to chew on these toys!

Another problematic category is toys purchased in for-

eign lands as gifts or by families living abroad, such as service families, and brought back to the United States.

A popular weekend sport is exploring yard sales and flea markets, which are great sources of old and perhaps broken toys. Other unsafe children's articles are also found in these kinds of sales, such as old and perhaps broken cribs, play pens, car seats, jumpers, walkers, and carriages. These are frequently purchased by unwary consumers looking for bargains. At such sales it is not unusual to find products that were subject to recall or that are out of production due to unsafe features.

These problems also exist with "hand-me-downs" and antique toys, which should be carefully inspected before use.



"These toys should never be used in cribs and playpens."

Adults may also be victims of toy hazards. We all laugh at the movie or TV comedies when someone slips on ill-placed skates or toy trucks. In real life, these can be tragedies.

A three-year-old child seen in a local emergency room had a small plastic car, that had been used as a cake decoration, removed from his nose. There was no problem and he left the emergency room. Several hours later, his father was seen in the same emergency room for the same complaint with the same car! He had not been at home when his son had had the accident, and he doubted that the car could pos-

sibly be placed so that it could not be removed. He learned his lesson rather expensively.

The trinkets used as party favors and cake decorations are not regulated, as they are not considered toys for children; but they are commonly used at children's parties and on children's cakes, so they do get into inappropriate hands and then into mouths and other orifices.

Advice for Consumers

The Duke Poison Control Center keeps as much information about toys as can be collected in order to respond

to the variety of calls about possible poisoning hazards. The Center receives many calls, regardless of season; however, we do find some seasonal trends.

During the summer, children are avid bubble blowers, and some end up ingesting the commercial solutions. Often, homemade solutions are prepared from various liquid detergents. Either kind results in mild vomiting.

At the beginning of the Christmas season, the media want stories about holiday hazards, mostly about plants and decorations; but toys and associated articles get more popular at poison control centers each year.

Chemistry sets lead the list. The toxicity obviously depends on the chemical involved, the concentration and the route of contact. In the spring of 1987, we managed a young girl with mild skin burns from sodium silicate. Small disc batteries would be second on the holiday toy list. These rarely cause toxic problems, but if swallowed may result in perforation and local mucosa burns of the gastrointestinal tract. And of course, what about the grandmother who wanted to know if the doll that stoolled following feedings of the included "special baby food" would cause a bacterial illness if the "food" stayed too long in the doll? Was it a safe Christmas gift? After giving her my own personal opinion, I gave her the toll-free number for Consumer Products Safety Commission's advice on toys: 1-800/638-CPSC.

Children's perfume is usually considered innocuous, yet we have had the opportunity to deal with one brand containing methanol.

Although chemicals in children's toys are regulated, no one regulates homemade copying. A number of years ago, a popular doll had a home permanent set with small bottles of chemicals. What happened when they were used? Instructions were included so that more could be made. This was brought to our attention when a child was thought to have lip burns from drinking the ammonia solution mom had prepared in a pint container far larger than the tiny bottle which was in the original set. Fortunately, the lesion was early chicken pox and not a corrosive burn.

While regulated for hearing damage, what happens when a roll of caps is swallowed, or shot in an enclosed area where mom cannot hear, resulting in potential toxic fumes?

There are always ingestions or eye contaminations from various craft-making chemicals. What would poison centers do without the routine calls on Play-Doh, Etch-a-Sketch, water colors, finger paints, magic markers and crayons (which are all non-toxic except certain imported crayons)? What would we do without ingestions of Baby-Magic Milk Bottle, and liquid from teething rings, floating toys, and snow scene globes, again all non-toxic. Salmonella may contaminate the latter if they are imported. Of course there are always calls about allergic or carcinogenic effects of contact with dyes or other chemicals used in toy productions. Our major concern with "toy" ingestion is choking. It is amazing what young children

will bite off.

The storage of toys may also be of importance. A number of years ago, certain toy boxes were recalled because the lids were heavy and did not remain open, therefore falling quite unexpectedly on the child. Storage of toys is important, as the following personal experience demonstrates. A black widow spider made her home in the cab of a toy truck, many years ago in my driveway. It took her a brief time to accomplish this task. Fortunately, she was discovered before the truck's young owner started building his road again, but she could have created a severe problem for an unsuspecting child. So it is important to watch where toys are stored or left even for short periods of time.

In 1986, an alert in the media brought to attention that some commercially distributed play sand in New Jersey was contaminated with asbestos. A mineral, tremolite, which exists as asbestos or non-asbestos, was found in its non-asbestos form during testing of the sand. Several inquiries were placed to the Duke Poison Control Center. Testing has been done in North Carolina with negative results.

Before toys are removed from the home and our children are needlessly overprotected, there are guidelines which are important for consumers to consider.

Guidelines for the Purchase and Use of Toys

- 1 New and old toys around the house should be checked periodically for possible hazards.
- 2 Children should be taught to put their toys safely away on shelves or in a toy chest after playing to prevent tripping on them and falling.
- 3 Toy chests should be checked for safety. Use a toy box that has a light-weight lid that can be opened easily from within. The lid should stay open when raised. For extra safety, be sure there are ventilation holes for fresh air. Watch for sharp edges that could cut and hinges that could pinch or squeeze.
- 4 Toys should suit the skill, abilities and interest of the individual child. Do not purchase toys that are too complex for young children. Too many parents assume that their bright child is far enough advanced intellectually to handle a toy designed for older children. This is an unsafe assumption. Toys should also be bought with the child's maturity and level of responsibility considered. A youngster who is not going to take proper care of a complex and possibly dangerous toy could be responsible for a severe accident to a younger sibling. Remember, a toy that is safe for an eight-year-old may be hazardous for a younger child.
- 5 Avoid hand-me-down toys with small parts for children under three years of age.

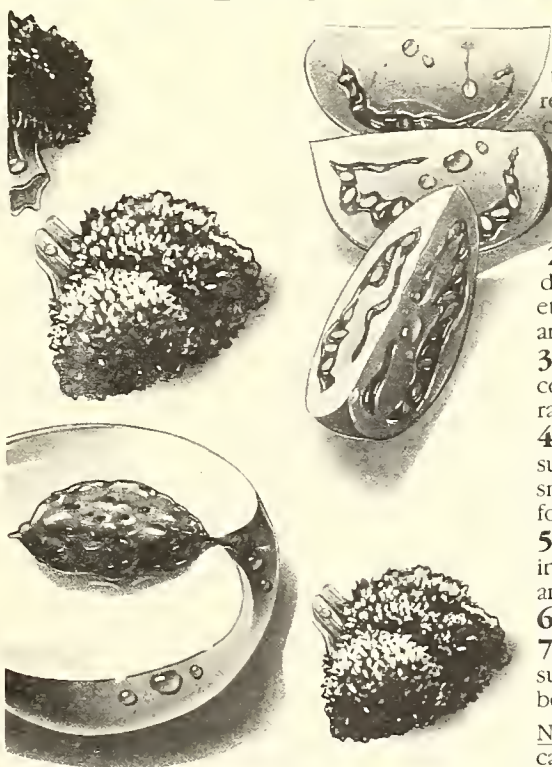
- 6 Look for labels giving age recommendations, such as "recommended for children three to five years old." Use good judgment in deciding whether a toy may be hazardous for a particular child.
- 7 Avoid toys that shoot objects, injuring eyes.
- 8 Arrows and darts used by children should have blunt tips made with resilient material, such as rubber or plastic suction cups. Make certain these tips are secure.
- 9 For infants and very young children, avoid toys with long strings or cords. Cords may become wrapped around an infant's neck causing strangulation. Never hang toys with long strings, cords, loops or ribbons

in play pens or cribs where children can become entangled.

- 10 Explain to a child how to use toys properly and safely.
- 11 See that toys used outdoors are stored after play. Rain or dew can rust or damage a variety of toys and toy parts, which could create hazards.
- 12 Examine toys periodically, watch out particularly for sharp edges and points that may have developed. Repair broken toys and discard toys that cannot be fixed.

Think toy safety, and remember — there is no substitute for adult supervision and common sense. ■

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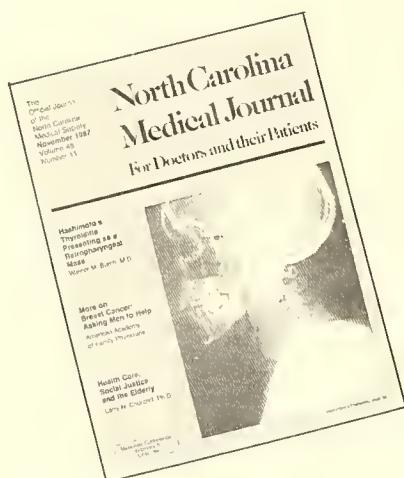
1. Eat more high-fiber foods such as fruits and vegetables and whole-grain cereals.
2. Include dark green and deep yellow fruits and vegetables rich in vitamins A and C.
3. Include cabbage, broccoli, brussels sprouts, kohlrabi and cauliflower.
4. Be moderate in consumption of salt-cured, smoked, and nitrite-cured foods.
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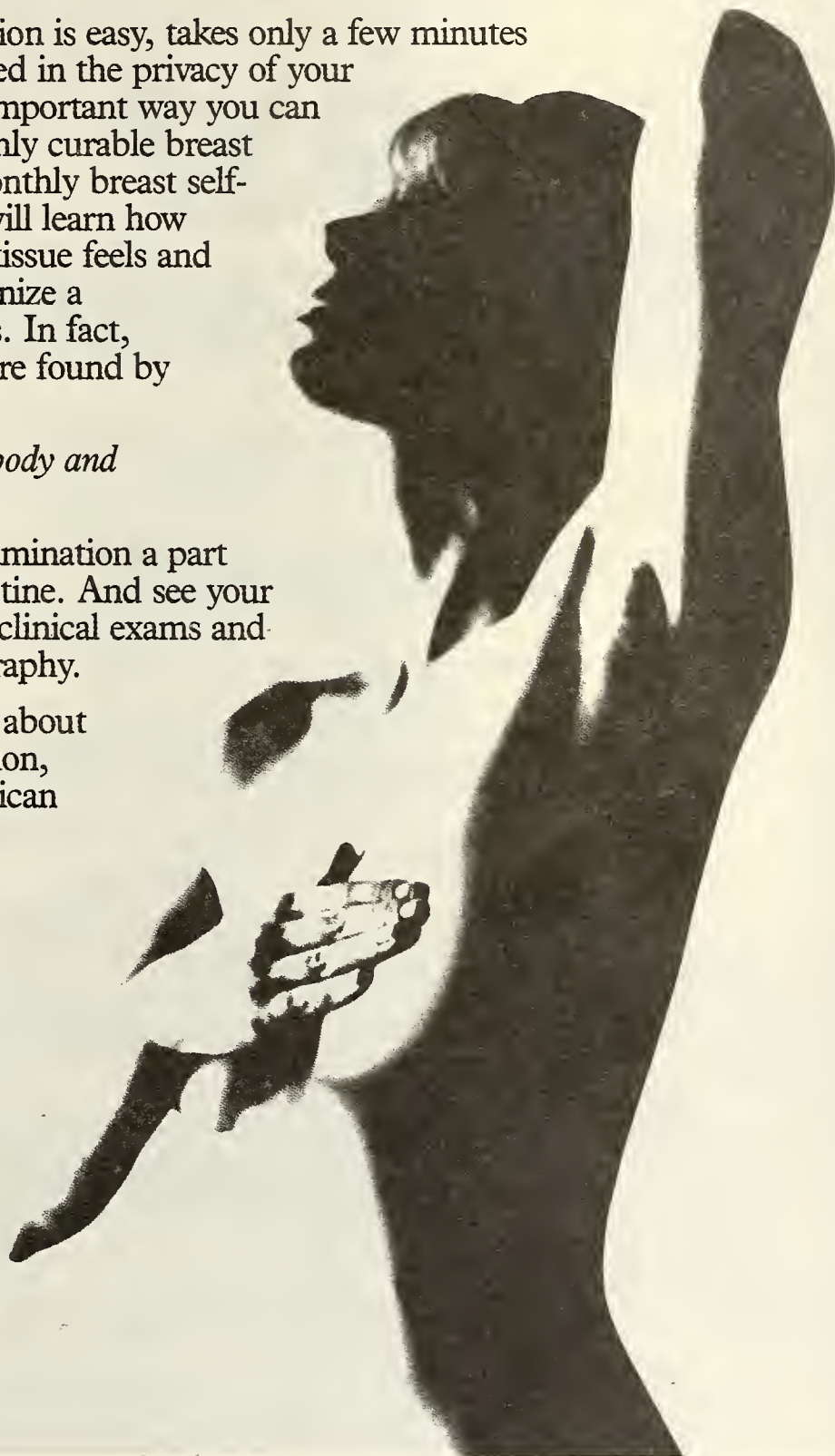
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The Antivivisection Movement

A Threat to Medical Research and Future Progress

David C. Sabiston, Jr., M.D.

The antivivisection movement has again gained momentum and, together with a well financed network across the nation, it is vigorously supporting enactment of crippling legislation at the national and state levels. Such bills have been introduced and are pending action in the House of Representatives and the U.S. Senate in Washington as well as a number of state legislatures. In an effort to stem the tide, extremely thoughtful editorials in the *Washington Post*, the *Wall Street Journal*, and many other national papers and periodicals have presented compelling evidence opposing this effort.^{1,2}

The noted Michael E. DeBakey, pioneer surgeon and Chancellor of Baylor College of Medicine, summarized the current drive of the antivivisectionists and the corresponding challenge to the scientific community, stating: "If scientists abandon cat and dog experiments for other models that are not as suitable or as well understood, many potential medical breakthroughs may be severely crippled or halted." He directed his remarks primarily at the Mrazek bill currently before the House of Representatives and the Senate in the nation's capitol. This legislation would ban the use of pound animals for any research supported by the National Institutes of Health, which is the primary source of biomedical research funding throughout the nation. The tragedy of this bill is that not only would it cripple research and retard future progress but these abandoned animals would nevertheless be killed in the pounds. This is an especially grave issue since each animal bred specifically for research costs much more than does a pound animal, a factor which is compounded many times when one considers that the total amount of funding for research has been diminishing in recent years. Were this, or a similar, bill to pass in Congress or in state legislatures, there would clearly be far less research, and a concomitant reduction in new and original contributions to medicine.

Antivivisection has a long background, and from time to time animal rights groups resurface with considerable force and influence, as is currently the situation. Vigorous demonstrations favoring antivivisection have been made at the nation's treasured center of research, the National Institutes

of Health in Bethesda, Maryland. Moreover, zealous groups have secretly invaded a number of research laboratories, destroying laboratory equipment and important scientific data.

The Movement in History

In its strictest definition, the word *vivisection* means "cutting or operating on a living animal." However, in the late 1800s, it acquired a broader meaning and was used to refer to animal experimentation in general. Heavily organized movements began in the 1860s and 1870s in the British Isles, and in 1875 the Victoria Street Society was formed by Frances Power Cobbe, a journalist who wrote about feminist, religious, and philanthropic issues.

The Victoria Street Society became the hub of antivivisection activity, and Cobbe succeeded in convincing Lord Shaftsbury, the eminent and powerful reformer of the day, to become the first president of the society. He was obviously chosen for his social prestige as well as his political power. Later that year, the Royal Commission was formed and charged to "establish the extent of experimentation on living animals taking place in Great Britain, the amount of cruelty that might be taking place in connection with the experimentation, and the best means of preventing such cruelty." The Royal Commission recommended a bill that became known as the Cruelty to Animals Act of 1876, which required that any person performing experiments on living vertebrate animals be licensed, and that this license be renewed annually. The laboratories of these investigators were periodically checked without notice, and *each* experiment had to be individually approved by the Home Office in London prior to being performed. Moreover, the investigator was required to adhere strictly to the protocol, irrespective of the finding of interesting and unexpected results, which, as all investigators recognize, frequently changes the course of true research.

Lord Lister, the father of antisepsis, wrote to the noted Philadelphia surgeon W.W. Keen: "Our law on antivivisection of 1876 should *never* have been passed, and ought now to be repealed." Lister underscored the important role

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animal experimentation played in his own research, which led to major contributions in antisepsis and in making surgery safe for the patient. In writing to the *British Medical Journal* in 1897, Lister said: "There are people who do not object to eating a mutton chop, people who do not even object to shooting a pheasant with the considerable chance that it may be only wounded and may have to die after lingering in pain, unable to obtain its proper nutriment, and yet who consider it something monstrous to introduce under the skin of a guinea pig a little inoculation of some microbe to ascertain its action. These seem to me to be most inconsistent views."

The Continuing Need for Animal Research

Physicians, civic leaders, representatives in federal and state government, and the public at large should be familiar with the fact that the vast majority of medical advances of the 20th century have been dependent upon animal research. The major health problems being faced today are no different, and will predictably require the same type of investigation in the experimental animal prior to application in humans. The spectre of poliomyelitis, formerly a dreaded disease, has all but disappeared in the past three decades following the development of the Salk and Sabin vaccines. Both of these vaccines were first administered to monkeys to test their safety as well as efficacy prior to their use in prevention of human poliomyelitis. Moreover, this need for animal use in testing polio vaccine continues today, as is emphasized by Dr. Joseph Bellanti, Director of Georgetown University's Immunology Center: every new batch of vaccines for polio, and for other childhood diseases, must be tested on animals to make certain that the virus has been adequately inactivated, and that it will indeed not transmit active disease to those children who are inoculated. Should the latter occur, it would obviously be a disaster. For every new vaccine produced, live-animal testing provides the answers to a number of vexing problems before the vaccine is used in humans.

Recently, a new genetic-engineered vaccine against hepatitis B has been developed in ovarian cells of the Chinese hamster. This vaccine promises to save the lives of over 2,000,000 humans annually, primarily in third world countries, since the present *human based* vaccine is very expensive, whereas the new one will be only a fraction of that cost and can be widely administered in these deprived nations. Is it conceivable that an intelligent, informed, conscientious public could believe it ethical to give a human such vaccines without previous testing in animals to assure safety?

Much publicity has been given the subject of Alzheimer's disease, and currently much research is being directed toward a better understanding of this disorder as well as means of prevention and treatment. Khachaturian, of the National

Institute of Aging, says, "Eight years ago we were at ground zero in understanding Alzheimer's disease. There has been incredible progress in research in this area because our investment in basic research concerns brain functions going back to the 1930s. The bulk of that research involved animals and they hold the key to continued progress." Through studies on primates and other animals, investigators have identified the region of the brain, the nucleus basalis of Meynert, which is the site involved in Alzheimer's disease.

Another major affliction and one with a tragic mortality, the acquired immunodeficiency syndrome (AIDS), is increasing in incidence annually. Currently, encouraging studies are being performed in monkeys and chimpanzees, which provide promising signs for an effective vaccine to be developed against this spreading epidemic. Quite clearly, a vaccine is necessary despite the promising pharmacologic agents currently being evaluated in the *treatment* of this deadly disorder. The first of these drugs, azidothymidine (AZT), has recently been shown to increase the survival of patients with AIDS at the end of the first year of treatment to 50%, as contrasted with randomized control patients receiving placebo who have only a 10% survival rate.

The more than 50 dietary essentials including vitamins and minerals now recognized as necessary to maintain life were determined largely by work on experimental animals. Another major achievement now used throughout the nation lies in the field of dentistry, where fluoridation is a notable example of the application of results of interrelated studies on animals and humans to public improvement. Many research reports have emphasized that fluoridation offers the easiest and most effective method of preventing dental cavities. The adding of fluoride to drinking water is both safe and effective, and strengthens the teeth against the decay-producing effects of acids in the mouth, thus reducing dental cavities by 60% to 70%. Once again, these studies were first done in experimental animals.

The public is also aware of the many achievements in heart surgery, which have been the direct result of the development of the heart-lung machine. Today, nearly all heart conditions requiring surgery can be successfully treated in often dramatic and near miraculous procedures. It should always be remembered that Dr. John H. Gibbon and his wife, Maly Gibbon, spent 22 years working as a close research team on many hundreds of animals to develop this machine before it was safe for human use. Further, every diabetic should realize that the discovery of insulin in the islet cells of the pancreas is another major medical achievement which had its origin solely in animal experimentation and replacement prior to the use of insulin in humans.

Animals also benefit from animal research. Louis Pasteur developed the vaccine against rabies through experiments on rabbits, and the livestock industry in the United States has benefited greatly from research now used to treat animal infectious diseases. In its editorial, the *Wall Street Journal* emphasized that, "After all, humans are not the only beneficiaries of laboratory research. Today millions of pets can

be free of heart disease, leukemia, or kidney failure solely as a result of experiments based on animal research. Some animal-rights activists can't seem to remember that." Indeed the chemotherapeutic agents and antibiotics, key agents in the treatment of a variety of infectious diseases, were first studied in experimental animals prior to their appropriate and safe use in humans.

The effect of the antivivisectionists and their ruthless approaches to investigators and research is best summarized by Dr. Frederick Goodwin of the National Institute of Mental Health, who says: "My people speak more and more of fear and demoralization concerning their research and the necessity to use animals for meaningful and objective experiments. If you stop funding or drive up costs by layers of regulation, nobody on the outside knows it's happening. Research just quietly dies."

The animal-rights groups in this country have become exceedingly strong and are attempting to eliminate all animal experimentation, which would clearly be a disaster for medical science as it exists today. The director of the Kennedy Center for Bioethics states: "We have to look at the consequences of giving animals rights — are you ready to say that we are more obligated not to use those dogs than we are to the thousands of human beings in this country who have heart attacks every year?" The American Heart Association recently issued a special report entitled "Position of the American Heart Association on Research Animal Use." In summary, the report stated: "Millions of Americans today are healthy, and other millions are alive, because of the advances in the prevention and treatment of heart disease. Death rates from the major forms of heart disease have declined steadily since about mid-century and the decline is continuing. Most recently, between 1972 and 1982, the death toll from cardiovascular disease declined 28%.

The decline is largely related to changes in life-style and development of methods of treatment, many of which are based upon animal experimentation."

To those who are educated and knowledgeable, it is apparent that there are many benefits from appropriate experiments on anesthetized animals since they would otherwise be sacrificed in public pounds. The facts are unmistakable and the reasons self-evident: such experiments are essential to medical progress. Civilization as we know it today, and indeed survival, may be at stake, given, for example, the necessity to control the AIDS crisis. According to the American Humane Society, 7,000,000 pet animals are abandoned to pounds or shelters each year, and of these 5,000,000 are killed there. These animals could be used productively and with professional care in research. The latter is very important and all investigators should be constantly aware of their obligations to conduct experiments with appropriate sensitivity for all animals.⁴

This issue is an exceedingly crucial one, and there is a compelling need for responsible citizens to join in supporting the principle of animal research in the prevention and treatment of disease for the betterment of all humankind.

■

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Evolution of 911 in Pitt County

Our Story May Help Your County

Vanessa R. Reynolds, M.D., Fredrick L. Potts III, M.D., and William J. Jaffurs, Jr., M.D.

Single emergency telephone number systems give rapid, ready access to emergency services including law enforcement, fire fighting, and medical services. In Pitt County these services are well developed in many respects. The highest national standards are used for training, and life-saving equipment incorporates the latest technology. However, access to these systems remains a significant problem in Pitt County, as it does for many counties in North Carolina.

A 911 emergency telephone number has been a long time coming to Pitt County, and we are still at least two years away from implementation. Several problems have delayed development of this system that are likely shared by other communities in the state. We describe these problems, and in some cases offer solutions.

Background

In 1967 the President's Commission on Law Enforcement and Administration of Justice recommended, "wherever practical, a single (police emergency) number should be established, at least within a metropolitan area and preferably over the entire United States." This statement provided the official impetus for a nationwide emergency telephone number. Further support for this new concept was provided by the Commission on Civil Disorders and the Federal Communication Commission, which urged the telephone industry to provide a three-digit emergency telephone reporting number.^{1,2}

These recommendations and the growing public concern over the increase in crimes, accidents, and medical emergencies led to this January 1968 announcement by the American Telephone and Telegraph Company: The three digits 911 were available for installation on a national scale as the single emergency number. The choice of 911 was based

primarily on cost factors and on the comparative ease with which existing telephone systems could be modified to accept the numbers. It was thought that this number could be easily dialed and remembered by most persons.^{1,2}

The first 911 system was installed in 1968 by an independent telephone company in Haleyville, Alabama, a small community with a population of less than 4,000. Currently hundreds of systems are in operation throughout the country.^{1,2} Twelve county-wide 911 systems operate in North Carolina as of January 1985.³

A 911 system was first considered in Pitt County in 1979. The idea was initially unpopular.⁴ Modifications to the existing telephone system would be expensive, and the telephone company was unprepared to bear the cost. Also, at this time each township radio dispatched their own emergency personnel and vehicles. Perhaps fearing loss of autonomy, townships within the county would not agree to a centralized dispatch mechanism for emergency services.⁴ These problems would require careful study for solutions, and 911 entered a latent period in the county.

Elsewhere, in King County, Washington, a study was made of the communities' knowledge of numbers to call in an emergency, comparing three different emergency numbers: 911; a regional seven-digit number; and a local seven-digit number. One thousand one hundred ninety-two people were interviewed. Eighty-five percent of the population knew the correct number to call in 911 areas, versus 47% in regional seven-digit number areas. Only 36% knew the correct number in areas with a local seven-digit number.⁵ Currently in Pitt County local seven-digit emergency numbers are used. In a random telephone survey of residents of Pitt County, the authors found that of 139 persons contacted, 67 (48.2%) responded that they would dial the operator. Fifty-six (40.3%) either said they did not know the number or gave the wrong number, while only 16 (11.5%) knew the correct telephone number in their township for reporting emergencies. It is clear that communities like ours without a 911 system have poor awareness of emergency telephone numbers.

In addition to improving access, some 911 systems may

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reduce the time for emergency services to reach the caller. The metropolitan area of St. Paul, Minnesota was studied to evaluate whether 911 actually reduced the time between beginning the call for assistance and notification of an agency to dispatch appropriate services. The study examined this time interval before and after installation of an enhanced 911 system. Activation of an emergency service in less than one minute was achieved in 63% of the pre-911 calls and in 82% of post-911 calls, thus supporting 911 as a more efficient method of activating emergency services.⁶

A Revival of Interest

In 1984, the Pitt County Association of Rescue Squads revived public interest in 911 as a means of decreasing the response times for their lifesaving service. As a first step, the Pitt County Board of Commissioners approved the purchase of new 911-capable telecommunications equipment to be housed in the County Courthouse. The purchase of this equipment from Carolina Telephone and Telegraph Company was based on recommendations made by Telephone Consultants of Virginia, a private consulting firm. The equipment enabled the county offices to use the North Carolina State Telephone Network (STN). The normal 27.7 cents per minute cost to place direct dialing calls decreased to 12 cents per minute with STN.⁴ This is projected to save more than \$12,000 yearly on long distance and trunk line charges. Trunkline access is important because trunklines will be used exclusively for 911 when it is implemented. Dedicated trunk lines to each of the ten telephone exchanges in Pitt County should be rented from the telephone company to ensure rapid access and to avoid busy signals which are currently problems with the seven-digit emergency number systems. The trunk lines are estimated to cost \$18,000 a year to rent. The maintenance cost of a 911 system was beginning to look more bearable.

In February 1985, the Pitt County Board of commissioners met with mayors and town administrators to propose a county-wide 911 system and discuss establishment of a new centralized communication center at the County Courthouse. Although the concept of 911 was well received, several towns preferred to continue to do their own dispatching. The idea of 911 for individual towns instead of a county-wide system was discussed, but was determined to be infeasible because the telephone exchange boundaries and fire and rescue boundaries did not coincide. It was decided to postpone making recommendations for the system until further study of available options could be conducted.⁴

In 1985 The Pitt County Board of Commissioners appointed various town officials and citizens to a standing committee charged to study how to implement 911 in Pitt County. This 911 Emergency Number Study Committee (ENSC) most recently met in May 1987. They are currently facing several stumbling blocks to 911 implementation.

The first problem involves the use of existing telecom-

munications equipment by more than one agency. The County Communications Center, which houses the telecommunication equipment, is under the authority of the Sheriff's Department. This equipment currently provides access to the Police Information Network. This Network carries confidential information and is accessible only to law enforcement officers. Operation of a 911 center will require either integrating the two functions of the telecommunications equipment by using law enforcement personnel trained for dispatch, or establishing a second telecommunication center for 911 use. To accomplish the latter the telecommunications equipment must either be moved or new equipment purchased. The ENSC plans to poll counties with existing 911 systems to determine a feasible solution to this problem.

A second problem is that three townships in Pitt County prefer to continue to do their own dispatching rather than subscribe to centralized dispatch for the county. Multiple dispatch systems can only be accommodated by modification of the standard 911 system termed "call transfer," "call relay," or "call referral." These options are discussed in the next section.

Options

The type of 911 system that Pitt County will eventually have is still uncertain. There are four standard operational methods currently in use in the United States: direct dispatch, call transfer, call relay, and call referral.

Direct dispatch: 911 center answers the call, obtains the information and dispatches the appropriate resource to the emergency. This method has a fast response time, but requires cooperation for implementation.

Call transfer: 911 center answers the call, obtains enough information to determine the appropriate response agency, and transfers the call to that agency. The receiving agency takes the complete information from the caller and dispatches the emergency resources. There is minimal need for interagency cooperation with this method, but there is an increased response time, and it is more frustrating for the citizen to use since he or she must repeat the request several times.

Call relay: 911 answers the call, obtains the information, contacts the appropriate response agency, and relays the information to them. The response agency dispatches the emergency resource. This method has fast response time and preserves dispatch autonomy, but requires explicit call-answering protocols be established to gather necessary information from each caller.

Call referral: 911 answers the call, obtains the information to determine the response agency and provides the caller with the seven-digit number to call to reach the agency. This approach prevents 911 overload by non-emergency calls, but requires citizens to dial a second seven-digit number.⁷

Pitt County will most likely have a modified call referral

or call transfer system since some townships continue to do their own dispatching.⁸ Both of these options are inefficient and have minimal impact on reducing response times compared to the other options. Fortunately, both options preserve the most important advantage of a 911 system: improved access to emergency services.

Enhanced 911 is another important term in any discussion of emergency telephone number systems. Enhanced 911 provides selective routing of emergency calls, gives a visual display of the caller's phone number, the caller's address and the names of the local police, fire and ambulance agencies for that address.⁹ A comprehensive index of telephone numbers and street addresses is necessary for the operation of enhanced 911. Telecommunications equipment is connected to a computer which provides information based on the caller's telephone number. Enhanced 911 systems are considered state-of-the-art because they pinpoint the location of the caller and expedite the dispatch of services.

Problems

We observed the following problems in the process of developing a 911 System for Pitt County.

1. Initial cost. Each of 10 local exchanges requires two direct trunk lines monthly for 911 at an annual cost of approximately \$18,000. Installation costs another \$2,250.⁹ Some of this expense may be offset by savings incurred from the use of the State Telephone Network by County offices. Duplication of the existing telecommunications equipment, if necessary, is expected to cost \$200,000.

2. Maintenance costs. The tax base is such that some communities may not be able to afford the initial or maintenance costs. However, when this problem has arisen in other parts of the United States some communities have solved it by adding a fee to citizens' monthly telephone bills. Federal tax dollars to underwrite the cost of 911 telephone systems may soon be available through legislation such as Senate Bill 10, entitled "The Emergency Medical Services and Trauma Care Improvement Act of 1987."¹⁰

3. Information. County telecommunications equipment has an enhanced 911 capability, but currently there is no comprehensive index of telephone numbers and street addresses. Thirty-three percent of Pitt County residents are listed in the telephone directory by rural postal route or post office box. The exact location of the caller cannot be identified from the telephone number of origin. One can only estimate the general area from which the call is coming. Carolina Telephone estimates that at least five years are needed before we would be able to have this information for each telephone customer. The use of existing tax key

maps to help accomplish this task has been proposed.

4. Interagency Cooperation. This is required for dual use of existing telecommunications equipment. The complex issues of police confidentiality and efficient emergency service utilization have been dealt with effectively in other systems using trained dispatchers in a single communications center. The proposed "911 User Advisory Board," composed of representatives from government and public safety agencies, may facilitate interagency cooperation.

5. Fear of loss of autonomy. This problem exists in some townships and public agencies. For example, some towns maintain their own utilities. In case of power failure, residents call police who work with the power company to identify a cause and produce a remedy. The proposal for centralized dispatch sparks fear that towns and agencies may not be able to handle such problems as effectively as before.

Though numerous obstacles still exist to the development of an effective 911 system in Pitt County, progress is being made. When the system is implemented, Pitt County residents will have an improved method for reporting emergencies and summoning assistance. Eventually the 911 system may speed delivery and improve the utilization of our precious emergency service resources. ■

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AIDS: Discrimination and Justice

John R. Dykers, Jr., M.D., F.A.A.F.P.

This article was reviewed by two experts in infectious diseases. They recommended that the Journal not accept the paper. I elected to publish the paper. Our readership has not used the Journal to discuss the implications to our social structure of the most serious disease that has occurred in our lifetime. I hope this paper — provocative as it is — will stimulate our doctors to tell us what they are thinking and how they intend to handle the medical, ethical, and social problems created by this epidemic. — The Editor

Our society has not yet arrived at a balanced and widely acceptable contract between those persons who are HIV-positive and those who are HIV-negative. The AMA House of Delegates struggled mightily with this dilemma and developed comprehensive recommendations,¹ a summary of which was published in the September issue of the *North Carolina Medical Journal* (1987;48:433-8). These recommendations provide leadership for sluggish bureaucracies and legislatures, but they fall short of probing the poignant areas of conflicting rights and of resolving the complex issues of discrimination and justice.

It is easy to understand the difficulty of deriving a balanced societal contract: AIDS is a terrible disease; we are helpless to treat successfully the disease or the virus; unjust discrimination arising from sexual taboos is prevalent, and our knowledge about virus transmission is incomplete.²

In order to propose a societal contract, one must first make some basic assumptions that are quite open to challenge:

A Fear of becoming HIV-positive is rational because knowledge about the transmission of the virus is primarily epidemiologic and derived from notoriously unreliable sexual histories. But such fear alone is not sufficient reason for quarantine or other irrational reactions that will worsen the consequences of our epidemic.

B Knowing one's negative HIV status and bearing the responsibility for maintaining that negative status is as important as knowing one's positive HIV status. Behavior that transmits the virus requires the interaction of both an HIV-negative and an HIV-positive person. Society has the right to expect HIV-negative persons to change their behavior on the basis of their own self-interest in maintaining their negative status rather than bear the horrible consequences.

C AIDS itself is so terrible that the negative social consequences of being HIV positive should be minimized as much as possible consistent with the health and safety of HIV-negative persons. Changes in behavior by HIV-positive persons are totally altruistic. Many HIV-positive persons will change their behavior based on strong altruistic motivations, but many will not.

D The confidentiality that the physician grants to the patient is non-judgmental and a highly practical matter necessary to allow the free flow of information required for a successful outcome of the physician-patient interaction, an outcome that is presumed to be better health, including the public health. Physician-to-patient confidentiality carries a legitimate price: the patient trusts the physician with information because he or she also trusts the physician's considered judgment of his or her broader societal responsibilities.

E Safe sex is a relative term,³ and there is no acceptable level of risk for sexual transmission of HIV, a virus that

presumably remains for a lifetime and is ultimately fatal. For maximum efficacy, rational counseling begins with knowledge of HIV status and includes both starting and stopping of risk-reduction practices.⁴ Any encounter is safer if it occurs between two people tested negative by current technology than the same encounter between two people of unknown HIV status. (See "analysis" below).

F The right not to know one's HIV status is a right we can no longer afford, but if we require that persons give up that right, we must grant reasonable and rational protection to those who are positive.

Accepting these assumptions, one may propose the following societal contract:

1 A federally financed program should provide health care for persons with AIDS, including counseling, acute hospital care, home health care and hospice care. The only criterion for qualifying for this program should be a positive HIV status.

2 Federal legislation, state legislation, local ordinance and judicial decision should forbid irrational discrimination in ordinary social settings, employment, housing, recreation and education.

3 Special work places dealing with blood and body fluids require special behavior and legislation. Patients and health care providers should, if asked, be required to tell one another their current HIV status, including the date that status was determined. Providing health care to HIV-positive persons and receiving health care from HIV-positive care givers should be done only knowingly and voluntarily. Then, and only then, does following the prescribed Centers for Disease Control guidelines for such care become appropriate.

Those persons engaged in prostitution, either as buyers or sellers, should be guilty of a felony if either solicits the other without the knowledge of the HIV status of both parties.

4 Voluntary testing for HIV status should be encouraged in every form. Private physicians should encourage potentially exposed patients to know their HIV status and to be retested should their exposure to sexual partners or blood products suggest the possibility that their status might have changed.

All persons considering conception should know their HIV status, and those testing positive should be required to take steps to prevent pregnancy or else forfeit their rights to publicly financed care. (One might well argue that it should be a misdemeanor to become pregnant without first determining one's HIV status or that it might be a felony to become or remain pregnant if one has a known positive HIV status.)^{5,6}

It should be the standard of care that anyone who has any sexually transmitted disease or uses IV drugs should be tested for HIV status. Sports, camp, and school physicals should require HIV tests for those who are sexually mature,

such maturity requiring physician judgment.

5 Mandatory test groups are not selected only by "high risk" behavior patterns, but by new intimacy. Mandatory testing should be required of all persons who are donating tissue, blood, semen, ova or organs; and of all persons seeking a marriage license, diagnosed pregnant, entering a hospital or prison, exiting a hospital or prison if this occurs greater than six months after entry, entering or leaving the military service, or participating in any drug rehabilitation program or sexually transmitted disease clinic.

International travelers should have an HIV test, the results of which should be recorded on the passport. Immigrants into this country are properly required to be HIV-negative at the time of entry and again six months later, and seroconversion within that six months should be grounds for deportation.

All persons mandatorily tested should be instructed about safe-sex and risk-reduction practices,³ including the possibility that persons tested HIV-negative may yet carry the virus. Whatever circumstances require mandatory testing of HIV status, a previously determined HIV status should be considered valid for no more than six months. Once tested positive, repeat testing should not be required.

6 All persons of known positive HIV status should be required to refrain from donating blood, semen, ova, tissue, or organs, and to inform any sexual partner or other person at risk of exposure to body fluids of that positive HIV status prior to sexual contact or other exposure. Failure to do so should be a felony. Then, and only then, do the recommended safe-sex and risk-reduction practices become ethically applicable. No one should knowingly have vaginal or anal intercourse with an HIV-positive person without first determining one's own HIV status and receiving professional counseling: failure to take such steps prior to such a sexual encounter should be a misdemeanor punishable by requiring mandatory HIV testing every six months for a minimum of two years. This is essentially unenforceable, but should be codified to define the societal expectation.

7 A spouse should have the right to require serotesting of the other spouse every six months. Refusal to be tested should be grounds for divorce, or alternatively a spouse should have the right to deny consortium to an untested spouse. Seroconversion that creates a discordant couple should be grounds for divorce. (Seroconversion that creates a concordant couple should not be grounds for divorce).

8 Determination of HIV status should be an accepted part of all applications for both health insurance and life insurance. There should be no requirement that either health or life insurance be sold to persons who are HIV-positive. This presupposes federal enactment of a comprehensive AIDS-care-financing program.

9 Falsifying documentation of HIV status should be a felony.

If we do not have the courage to act as though the prevalence of HIV were high, it will be. If we are going to survive the epidemic of HIV, those persons who test positive and those who test negative must respond to one another compassionately. We may not attain this goal, but we must strive for it.

It is to be hoped that our experimental models and precise knowledge about transmission, prevention and therapy will improve, fear will lessen and our contract will change. Meanwhile, following the contract outlined above, HIV-positive and HIV-negative persons can live without undue disruption or endangerment of one another. We must carry the presupposition that we are civilized sufficiently to care for those who are infected and to protect those who are not.

Analysis

A major difficulty arises in estimating the frequency with which persons tested HIV-negative by current technology will actually be carrying the virus and be capable of transmitting it. In August 1986 the rate of HIV-positives among Red Cross blood donors was 1.1 per 1,000.⁷ According to Dr. Steven Kleinman and Dr. John A. Ward at the Third International Conference on AIDS and the National Institutes of Health Consensus Conference, the risk of HIV infection from a seronegative unit of blood is somewhere between one in 36,000 and one in 100,000. This then is *approximately* the range of the risk of a person's being in the "window" if the person is part of a population where the rate of HIV-positives is one in 1,000. If the rate is one in 10 (as it is at North Carolina Health Department test sites), then the risk of being in the "window" is probably between one in 360 and one in 1,000. Other than laboratory errors, false positives (ELISA plus Western Blot, repeated) are essentially undefinable because of the possibly prolonged phase from initial viremia to clinical disease and the unreliability of virus isolation. These difficulties may be lessened by use of HIV-Ag EIA.⁸

It is equally difficult to accurately evaluate counseling condom use in preventing transmission of HIV. A 17% conversion rate has been observed³ in discordant heterosexual couples who have been properly counseled and who were considered to be highly motivated. Failure to use a condom occurs in 37.5%⁹ of such couples, and one may anticipate that the conversion rate eventually will at least approach one-third. Even assuming total compliance with

condom use, the rate of condom failure is almost certainly higher than the rate of false-negatives and can reasonably be calculated at 1% as a minimum.

However, there is no acceptable risk level for sexual transmission of HIV. If the rate of HIV prevalence in any given population is one in 1,000, then that represents the maximum risk rate for the transmission of HIV between any two persons of unknown HIV status engaging in a single unprotected sexual encounter. If these persons use a condom we assume that risk to have been reduced a hundredfold to one in 100,000. If those two persons are tested negative for HIV, then we assume that risk of transmission to be reduced to one in 5 million. If those two persons both test negative for HIV and use a condom then that risk should be reduced to one in 5 billion. If they continue to maintain a monogamous relationship for six months and avoid other sources of contamination and are again tested negative, their chances thereafter of transmitting the virus between themselves so long as they maintain that status should be close enough to zero for it to be acceptable that they might abandon the use of the condom and engage in either vaginal or anal intercourse as they might wish, and even conceive a child. ■

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Medical Origins of Duke University?

Edward C. Halperin, M.D.

A recent letter to the editor of the *Southern Medical Journal* by Dr. H.I. Newbold, a medical nutritionist and widely published author,¹ proposes a bold hypothesis to explain the origin of Duke University.² The biographies of James B. Duke (figure 1) indicate that he died in 1925 of pernicious anemia. Dr. Newbold reports that "as a student at Duke University, I recall having come across books in the reference room of the University Library that were from James B. Duke's personal library. He had made notes in the margins of many of the books, and it was obvious from reading the notes that James Duke was in fact depressed." Dr. Newbold argues that the depression may have been the result of pernicious anemia. He then concludes that it is well known that depressed individuals feel guilty and often try to lessen their guilt by giving things away. "In all probability James B. Duke left the money to found Duke University in an attempt to lessen his depression . . . [had Duke been treated for pernicious anemia] the man not only would have lived but in all probability would have lost his depression and might not have left the money to found Duke University."

There is nothing the medical historian likes more than a good puzzle to solve. Dr. Newbold's hypothesis calls for detective work and a careful evaluation. Does Duke University owe its existence to pernicious anemia? To answer this question we must first answer three others.

1 Did James B. Duke have pernicious anemia?

Biographies of James B. Duke report that he suffered from pernicious anemia and that this condition contributed to his death in 1925.³⁻⁶ In 1926, Drs. George R. Minot and W.P. Murphy of Boston reported the successful treatment of pernicious anemia by a diet rich in liver.^{7,8} For this work, Minot and Murphy shared the 1934 Nobel Prize in medicine with Dr. G.H. Whipple.⁹ The conventional wisdom, repeated by Dr. Newbold, is that Duke died around the time of the discovery of a successful treatment for his disease.

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The conventional wisdom may be wrong. On March 17, 1945, Dr. Fredric M. Hanes, chairman of the Department of Medicine at Duke University, wrote to Dr. Minot:¹⁰

"We were discussing the other day the cause of death in the case of Mr. James Buchanan Duke. Someone mentioned that he died from pernicious anemia and Dr. Davison [Dean of the Medical School] said that he didn't believe you thought so. I am writing to ask if you would be good enough to give me a note on this, telling us so far as you can what type of anemia Mr. Duke suffered from."

On March 21, 1945, Dr. Minot responded to Hanes's inquiry:

"Although I never saw Mr. James Buchanan Duke myself, I did see his blood in August, 1925 and reported to Dr. Edwin A. Locke, my associate, about it. I understand that Mr. Duke died in October of that year."



Figure 1. James Buchanan Duke (Photograph courtesy of the Duke University Archives)

I do not believe that he died of pernicious anemia. I think Mr. Duke suffered from one of those fundamental disorders of blood formation that have been commonly called aregeneratory anemias, conditions that sometimes have been called aplastic anemia but not with an anatomical aplasia of the marrow so that it was fatty but where the marrow was red but inactive.

At the time I saw the blood I thought he might have had a so-called aleukemic leukemia. I think today most of the cases called aleukemic leukemia when there is a severe anemia that has developed over months are apt to be so-called aregeneratory anemia which has been discussed by Rhoads of New York. Mr. Duke apparently never had any tongue symptoms and never had any evidence whatsoever of combined system disease, a most unusual event for a man with severe anemia of the pernicious sort at his age. He showed no changes in bone conduction and there was no persistent paresthesia at all. As I understand the record, he was only sick in all about eight or nine months and that is an unusually short course for a pernicious anemia and it is very unusual to have had no improvement.

It might interest you to know that he had broiled liver daily recommended to him (by myself via a letter to Locke) and that would have been about eight months before I read my report at the Association of Physicians. Although he did not have anything like the amount of liver that one would give a patient today, he did have enough liver to have permitted at least some response and he had no response at all.

. . . It is interesting to note that I advised that he have generous amounts of fresh strawberries even if he had to buy them from the Ever-Bearing strawberry farms. I mention that because I used to think that pernicious anemia patients should eat liberally of strawberries because I thought they were helpful, the reason being because strawberries could help people with sprue. At all events, I do remember having Dr. Locke tell me that the patient enjoyed his strawberries.

I also want to emphasize that I think it is very unusual for patients with pernicious anemia to go straight on down hill to death in a course of eight months and that alone would make me mighty suspicious that the patient did not have pernicious anemia, and my blood observations did not distinctly suggest that disease to me."¹¹

Dr. Edwin Allen Locke, referred to in Minot's letter, was born in 1874. He graduated from Harvard Medical School in 1901. Dr. Locke practiced Internal Medicine at his Beacon Street office in Boston and was a Clinical Professor of Medicine at Harvard.¹² Minot also mentions "Rhoads of New York." This was undoubtedly Cornelius Packard "Dusty" Rhoads. Dr. Rhoads was born in 1898 and educated at Bowdoin College and Harvard Medical School. In

1940 Rhoads succeeded James Ewing as Director of Memorial Hospital in New York. He was instrumental in the establishment of the Sloan-Kettering Institute in 1948. Rhoads conducted research on the nature, toxicity, and protection against poisonous gases during World War II. In 1950 Rhoads published his classic paper on the treatment of neoplastic diseases with nitrogen mustard.^{13,14}

The term "aregeneratory anemia" referred to an anemia resulting from a failure of red cell production as opposed to a hemolytic anemia or a blood loss anemia. Aregeneratory anemia was a general term which could have been used to encompass aplastic anemia, pernicious anemia, pyridoxine-deficiency anemia, myelodysplastic syndromes, or an early leukemia. Minot clearly was disinclined to diagnose pernicious anemia in Mr. Duke's case. Since Minot, who won the Nobel Prize for his work in pernicious anemia, discounted the diagnosis in Mr. Duke's case, serious doubt must be cast upon any hypothesis of Duke's actions based upon this diagnosis.

2 Was Duke depressed?

Depression is a mental state characterized by dejection, lack of hope, and absence of cheerfulness.¹⁵ The last year of Mr. Duke's life was characterized by his usual industriousness and energy. In March of 1925 James B. Duke, Trinity College President William Preston Few, and their associates met in Durham to plan the development of Duke University. Dr. Watson Rankin, state public health officer for North Carolina, recalled inspecting the land for the new university with Mr. Duke.

"We walked all over those grounds, jumping ditches and crossing wagon roads and going through shrubbery and all that kind of thing, with Mr. Duke always in the lead. Again I was impressed with the man's vigor."¹⁶

Duke participated actively in planning and construction of the new university, including such details as landscaping and the selection of the stone to be used in the construction of the buildings.⁵ In July 1925 Duke traveled to Canada by rail to inspect a power station. Traveling companion Roy Hunt, later to become president of the Alcoa aluminum company, reported Duke to be a "soft-spoken . . . courteous Southern gentleman . . . very friendly and very keen."¹⁷ These two eyewitness accounts from 1925 give little credence to the assertion that Duke, who died in October, was depressed.

There are no records in the Duke University Library indicating that the University ever possessed, or now possesses, any of Mr. Duke's books. This is confirmed by the Duke University Archivist¹⁸ and the Assistant Curator of the Manuscript department.¹⁹ It is doubtful that James B. Duke ever possessed any significant personal library. He was devoted to his business and non-business reading was not one of his pastimes. Dr. Newbold's assertion that margin

notes in Duke's books indicated depression cannot be independently verified.

3 Did James B. Duke engage in philanthropy to lessen feelings of guilt and depression?

Washington Duke and his son Benjamin Duke first became involved with Trinity College in the late 19th century. In 1887 Benjamin Duke gave the nearly bankrupt institution \$1000. Washington Duke personally guaranteed \$50,000 toward Trinity's endowment in 1890. This helped ensure the institution's move from Randolph County, North Carolina, to Durham.⁴ James B. Duke made his first major donation to Trinity College in 1900 — a new library.²⁰ Over the following years, the Duke family made many donations of time and money to Trinity College. The donations of James B. Duke eventually surpassed those of his father and brother but they clearly continued a family tradition of support to Trinity College — recognized, in part, by changing the name of the expanded school to Duke University.

Washington Duke and his sons supported many worthy causes with charitable donations. These included institutions of higher learning in North and South Carolina, orphanages, the Methodist Church, and hospitals.⁴ In this context, James Duke's donation to found Duke University was not the isolated act of a depressed individual but rather the continuation of a family tradition of philanthropy.^{4,5}

Conclusion

The historical record does not substantiate the hypothesis that depression related to pernicious anemia played any role in the founding of Duke University. The opinion of Dr. Minot makes it unlikely that Mr. Duke suffered from pernicious anemia. There is no verifiable evidence that Mr. Duke was depressed and considerable evidence to the contrary. Duke University owes its founding to long established intentions of James B. Duke and his family. ■

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Heberden's Nodes:

Bony enlargements that form on the dorsomedial and dorsolateral aspects of the distal interphalangeal joints. Occurring with osteoarthritis, they develop slowly over the course of years and usually do not appear before age 40. Although usually asymptomatic, the accompanying arthritis may produce varying disabilities including pain and limitation of joint mobility.



William Heberden was born in London in August, 1710. One of six children, he was headed for a career as a merchant after grammar school due to "the somewhat straitened circumstances" of his family. At age seven, the same year his father died, he entered the Southwark Grammar School, where he displayed such talent in the classics that by age 14 he was able to enter St. John's College in Cambridge. He completed his studies for a Bachelor's degree and then a Master's degree in Arts by age 22, meanwhile beginning his study of medicine at age 20. Heberden worked nine years in Cambridge and London as a Fellow of Cambridge University, receiving the Doctor's degree in Medicine at age 29. In his medical practice, Heberden began his lifelong habit of keeping copious and detailed notes, made at the bedsides of his patients. Each month he carefully reviewed his observations and added to them. These notes were published after his death by his son as the now famous "Commentaries on the History and Cure of Diseases."

Heberden's annual course of lectures on materia medica included discussions on the many common herbs, spices and vegetables in medicinal use. His knowledge of these plants led him to write "Antitheriaca: an Essay on Mithradatum and Theriaca." This concoction — 20 leaves of rue, one grain of salt and two dried figs — was believed to be the universal antidote to poison. Heberden pointed out that none of the poisons known in 100 B.C. (hemlock, monkshood and the venom of poisonous animals) would have been overpowered by salted figs and rue leaves and that Mithradatum and Theriaca was worthless as an antidote. Despite this argument, the recipe remained registered in the Pharmacopoeia of the Royal College of Physicians for another 50 years.

By 1752, at the age of 42, Heberden had obtained a grant of arms, and felt himself to be sufficiently established in his station to take a wife. Elizabeth Martin was 24 at that time and bore two sons before her untimely death two years later. Six years later, Heberden married Mary Wollaston. Together they had eight children. One, Dr. William Heberden, Jr., followed in his father's footsteps except that he took his medical degree from Oxford at age 28.

Heberden's reputation continued to grow. In 1761, George III (who "lost" the American colonies) wished to appoint Heberden as Physician to Queen Charlotte. This honor Heberden declined, saying "it might interfere with those connections of life" he had formed. One such connection had been formed when Heberden joined Benjamin Franklin's crusade against small-pox. Franklin, whose son Francis had died of the disease, devoted himself to the cause of small-pox inoculation. Heberden had established the difference between small-pox and chicken-pox; Franklin contacted him for help. In his usual selfless manner, Heberden wrote and paid for the printing and distribution of an anonymous pamphlet of instructions for inoculation. But Franklin wrote a pamphlet to accompany Heberden's giving full credit where it was due.

Elected a fellow in the Royal College of Physicians in 1746, Heberden urged his fellow members to rely on their own clinical observations and on study of the works of Bacon, Harvey and Newton rather than on the dogmatic teachings of the ancients, Hippocrates and Galen. In 1766 Heberden founded the Medical Transactions of the Royal College of Physicians. These Transactions were based on papers read to and discussed by the College, and as such became one of the earliest medical journals. Only three volumes of these Transactions were printed, to which Heberden contributed 16 papers. One of the most notable, "Some Account of a Disorder of the Breast," was presented July 21, 1768, and is the first known description of angina pectoris to a medical group.

In 1782 at age 73, Heberden went into retirement. That same year it is believed that he finished his "Commentaries." Included in this work is a brief chapter on "Nodi Digtorum," in which he asks:

"What are those hard little knobs, about the size of a small pea, which are frequently seen upon the fingers, particularly a little below the tip, near the joint? They have no connexion with the gout, being formed in persons who never had it; they continue for life; and being hardly ever attended with pain or dispose to become sores, are rather unsightly, than inconvenient, though they must be some little hindrance to the free use of the fingers." ■

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Letters to the Editor

Dr. Wallenborn gives us a look at the past

To the Editor:

This is a picture taken around 1910 of the North Carolina Board of Medical Examiners. It was taken at the Biltmore Estate in Asheville, and my mother identifies the physicians as follows (from left to right: Dr. Hayes from Oxford, NC; Dr. W. White McKenzie from Salisbury, NC; Dr. Bynum from Winston-Salem, NC; Dr. L.B. McBrayer from Asheville, NC; Dr. Dotson from Greensboro, NC; and Dr. Rodman from Washington, NC. Dr. W. White McKenzie was my grandfather and his great grandson now practices otolaryngology/head and neck surgery in Asheville, NC: Peter A. Wallenborn III, M.D.

I made this copy from the original which is in amazingly good condition.

One of my very dear friends, and fellow photographer and skier, is Dr. Charles E. Harrison, Jr., who was one of your residents. At one time I had been a resident in Internal Medicine under Drs. Burnett and Welt at Chapel Hill, and we used to have joint conferences with your department. Needless to say, I remember them well.

I hope you will enjoy looking at the picture.

White McK. Wallenborn, M.D.
1000 East High Street-Suite A
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The North Carolina Board of Medical Examiners, 1910 (courtesy Dr. Wallenborn).

On delayed reactions to buried silk sutures

To the Editor:

In the past, buried silk sutures were a mainstay of neurosurgery. Historically, Kocher began using silk sutures because of the high infection rate he experienced with cat-

gut. Halsted then adopted silk as a suture and established some basic principles for its surgical use. Subsequently, Cushing premiered the use of silk in neurosurgery.

More recently, much has been written concerning the problems associated with silk suture use. Postlethwait pub-

lished several papers detailing the tissue reaction seen as a response to silk.¹ In addition, J.E. Dunphy's group studied the relationship between silk and postoperative wound infections.²

Following the implantation of silk, a range of types of tissue reactions can be seen. Initially, there is an acute reaction, followed by deposition of fibrous tissue around the suture. usually, this fibrous tissue encapsulation surrounds a granulomatous type reaction consisting of histiocytes, fibroblasts, giant cells, and lymphocytes. The amount of cellular invasion between the silk fibers varies and seems to increase with time. This response is usually not clinically apparent and does not interfere with successful wound healing. When an amplified response occurs, it generally presents as a draining tract or superficial area of inflammation along the suture line during the immediate post operative period. Delayed reactions are less common, but can occur years after the initial placement of the silk suture.

The use of silk, especially for approximating subcutaneous tissues has declined over the past several years in favor of absorbable synthetic polymers with equal or better tensile strength and knot stability.³ With the increasing use of the absorbable synthetic polymers, the foreign body reactions seen with the use of silk will become more rare. However, since these modern suture materials have been developed only recently, there are many patients today who have been closed with silk.

In spite of the large body of patients bearing indwelling silk sutures, recently trained individuals may not be aware of the many properties of silk. Foreign body reaction to silk sutures should be included in the differential diagnosis of patients who present with wound breakdown or apparent wound infection. Because the reaction to silk is an ongoing phenomenon, the correct diagnosis is important so that removal of all silk sutures can be performed. As mentioned earlier, these reactions can occur years after the initial placement of the silk sutures.

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- 2 Cutler EC, and Dunphy JE. Postoperative wound infections and the use of silk: an experimental study. *Surgery* 1937;1:379.
- 3 Von Fraunhofer JA, Storey RS, Stone IK, Masterson BJ. Tensile strength of suture materials. *J Biomed Materials Res* 1985;19:595.

On the first "Names and Faces of Medicine"

To Doctors Lurie and Neelon:

Your article concerning Baron Guillaume Dupuytren (48:452) was very interesting. He was a giant in his time and a great surgeon. However, one of the salient points of his surgical teachings has been overlooked or by purpose.

It was he to whom the honor goes of first being allowed to deny the entity of appendicitis. When one of his students brought this up as a possibility of an entity, he was so vehemently censored that the poor student from that day on assumed anonymity in the medical field. It was some years later before the entity of appendicitis was recognized in the medical profession. It was due to this point that one of our professors used to say that "As students you have to remember that some day you might have to go giant killing." I merely point this out to recognize the fact and bring to the forefront the point that regardless of how great a person is, he is still only human.

Thank you.

M.R. Barnes, M.D.
Crist Clinic For Women
200 Memorial Dr.
Jacksonville, NC 28540

Some thoughts on Medical Review of North Carolina

To the Editor:

I am enclosing a letter I have written to Dr. Ralph Snyder of the Medical Review of North Carolina over a particular judgment rendered by this peer review organization operating under guidelines and contract from the federal Health Care Financing Administration.

Prior articles and letters have appeared in the *Journal* describing, discussing, castigating, and defending this operation.

The goals of "cost containment" review for appropriate hospitalization, documentation of quality and outcome and identification of "poor" practitioners are commendable. Of course any "system" has its weaknesses and "protocols" and "guidelines" are based on labels, diagnoses, averages, intervals, and other statistical tools and are bound to be imperfect — just as on line clinical judgment is.

A question that comes to my mind is whether the quality/peer review idea is being driven by any motivation other than "cost containment" and whether the costs contained are matched by the costs engendered by this operation. It is very difficult as a non-accountant to understand what is being "saved." Maybe you can stimulate a regular "accounting" by this group with their "attack rate" or cases "denied," "appealed," "sustained" and the cost of doing such business with the perceived "savings." The current system with "denials" impacting our hospitals, which are doing so extremely well on the DRG system, seems to be a nuisance for the physician. Does it do anything else?

Meanwhile I am collecting some interesting "war stories" of MRNC activities, as experienced by other on line physicians. I would be pleased to receive communications describing these interactions. This archive will be interesting to a future historian describing the evolution of the system of health care in this country. This collection will not be shredded.

Perhaps our profession can find leaders who will help our

society work out its health and sickness care delivery in a more effective, humane and economic way.

James A. Bryan II, M.D.
University of North Carolina
Department of Medicine
Division of General Medicine and Clinical Epidemiology
Old Clinic Building 226 H
Chapel Hill 27514

Dr. Bryan's letter to Dr. Snyder at MRNC:

Your "personal and confidential" letter, written in classic bureaucratese, has arrived informing me that "quality issues" involved have earned a "Severity Level Index of 4,"* and that reimbursement for one of the subsequent hospitalizations for the patient will be denied.

Whether my hospital wants to "appeal" is up to them. I would certainly be willing to "appeal" but have no zeal in arguing with your organization on what is seen through the retrospectroscope. The purported "premature discharge" of a steroid-dependent COPD patient with severe pain problems from her osteopenia was a clinical judgment arrived at between me and her primary pulmonologist. Even though the patient did return within a short time, the possibility that she might do so had been taken into account. This lady, fighting for time at home and with an available and responsive primary lung physician, indeed bounced back because of the agreed upon pain control maneuvers.

Medicine continues to be individual and empiric — I wish clinical judgment were perfect. As far as I am concerned you can remove the personal and confidential designation from any future correspondence as I will probably attempt to make them public.

*Whatever that means — you inform me that "Copies of MRNC's Quality of Care Review and Sanction Protocols have been provided to your hospital. We urge you to familiarize yourself with these procedures." Your protocols don't interest me.

James A. Bryan II, M.D.

In appreciation of our special issue on breast cancer

To the Managing Editor:

On behalf of the American Cancer Society, North Carolina Division, I am writing this letter to thank you and Dr. Stead for encouraging the development of the October issue of the North Carolina Medical Journal (48[10]) on breast cancer.

We sincerely appreciate the contributions of the professionals who submitted articles and Dr. Robert Sandler who served as guest editor.

As you mentioned, Dr. Sandler is the chairman of the North Carolina Division's Professional Education Committee and the chairman of our three-year Task Force on Breast Cancer Detection Awareness.

As part of the BCDA program, a speaker's bureau has been established and includes the names of more than 40 professionals who are available to speak at no charge, at county medical societies, AHEC's and other organizations. Anyone who is interested should contact me at our Raleigh office.

Also, the October issue was utilized immediately to provide background and reference material following Nancy Reagan's recent breast surgery. It provided information for the news media. Reprints of the articles will be distributed by us to professionals and participants in many of our medical conferences.

The service that this issue has performed for the community may seem intangible to many in the short term. We are sure, however, that the long-range benefit to breast cancer patients in North Carolina will only mean better patient care because physicians will be better informed on breast cancer diagnosis and treatment.

John R. Postiglione
Director of Programs
American Cancer Society, N.C. Division, Inc.
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(See January 11-15 for information)

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(See January 11-15 for information)

January 29

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Place: Greenville

Credit: 6 to 7 hours Category I AMA

Info: Mary C. Valand, MSW, ACSW, Office of CME, ECU, P.O. Box 7224, Greenville 27835-7224. 919/551-5200

February 1-5

Diagnostic Ultrasound

(See January 11-15 for information)

February 10

Current Issues in Child Psychiatry

Place: Greenville

Credit: 6-7 hours Category I AMA

Info: Mary C. Valand, MSW, ACSW, Office of CME, East Carolina University School of Medicine, P.O. Box 7224, Greenville 27835-7224. 919/551-5200

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Family Physicians Weekend

Place: Raleigh

Credit: 12 hours AAFP

Info: Paula Baker, Meeting Coordinator, NCAFP, P.O. Box 18469, Raleigh 27619, 919/781-6467

February 26

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Credit: 6 hours Category I AMA

Info: Mary C. Valand, MSW, ACSW, Office of CME, East Carolina University School of Medicine, P.O. Box 7224, Greenville 27835-7224. 919/551-5200

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Hyperuricemia may occur. Reversible elevations of the BUN and creatinine may occur, especially with dehydration and in patients with renal insufficiency. Bumex may increase urinary calcium excretion. Possibility of effect on glucose metabolism exists. Periodic determinations of blood sugar should be done, particularly in patients with diabetes or suspected latent diabetes.

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